



PRODUCT CATALOGUE



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* Produced in *E. coli* unless otherwise stated in "Remarks"

** The proteins may be covered by patents

1. ELISA Kits			
1.1. ELISA Kits for In Vitro Diagnostics (IVD)			
Product	Cat. No.	Format	Remarks / Price
Tuberculosis IgG Antibody ELISA	LIO-TUB01	96 individual breakable wells	Serological ELISA test kit with ready-to-use components, detection of human IgG antibodies against tuberculosis in serum and plasma Euro 250,00 each
Tuberculosis IgA Antibody ELISA	LIO-TUB02	96 individual breakable wells	Serological ELISA test kit with ready-to-use components, detection of human IgA antibodies against tuberculosis in serum and plasma Euro 250,00 each
Tuberculosis IgM Antibody ELISA	LIO-TUB03	96 individual breakable wells	Serological ELISA test kit with ready-to-use components, detection of human IgM antibodies against tuberculosis in serum and plasma Euro 250,00 each

1.2. ELISA Kits for collaborative research use			
1.2.1. Detection of human antibodies			
Product	Cat. No.	Format	Remarks / Price
16 kDa IgG antibody detection ELISA	LIO-16 kDa-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> 16 kDa antigen (Rv2031c) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
16 kDa IgA antibody detection ELISA	LIO-16 kDa-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> 16 kDa antigen (Rv2031c) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
16 kDa IgM antibody detection ELISA	LIO-16 kDa-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> 16 kDa antigen (Rv2031c) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
19 kDa IgG antibody detection ELISA	LIO-19 kDa-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> 19 kDa antigen (Rv3763) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
19 kDa IgA antibody detection ELISA	LIO-19 kDa-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> 19 kDa antigen (Rv3763) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.

1.2. ELISA Kits for collaborative research use

1.2.1. Detection of human antibodies

Product	Cat. No.	Format	Remarks / Price
19 kDa IgM antibody detection ELISA	LIO-19 kDa-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> 19 kDa antigen (Rv3763) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
PstS1 IgG antibody detection ELISA	LIO-PstS1-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> PstS1 antigen (Rv0934) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
PstS1 IgA antibody detection ELISA	LIO-PstS1-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> PstS1 antigen (Rv0934) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
PstS1 IgM antibody detection ELISA	LIO-PstS1-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> PstS1 antigen (Rv0934) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
PstS3 IgG antibody detection ELISA	LIO-PstS3-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> PstS3 antigen (Rv0928) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
PstS3 IgA antibody detection ELISA	LIO- PstS3-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> PstS3 antigen (Rv0928) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
PstS3 IgM antibody detection ELISA	LIO- PstS3-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> PstS3 antigen (Rv0928) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
ESAT6 IgG antibody detection ELISA	LIO-ESAT6-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> ESAT6 antigen (Rv3875) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
ESAT6 IgA antibody detection ELISA	LIO-ESAT6-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> ESAT6 antigen (Rv3875) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.

1.2. ELISA Kits for collaborative research use

1.2.1. Detection of human antibodies

Product	Cat. No.	Format	Remarks / Price
ESAT6 IgM antibody detection ELISA	LIO-ESAT6-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> ESAT6 antigen (Rv3875) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
CFP10 IgG antibody detection ELISA	LIO-CFP10-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> CFP10 antigen (Rv3874) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
CFP10 IgA antibody detection ELISA	LIO- CFP10-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> CFP10 antigen (Rv3874) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
CFP10 IgM antibody detection ELISA	LIO- CFP10-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> CFP10 antigen (Rv3874) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
MPT64 IgG antibody detection ELISA	LIO-MPT64-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> MPT64 antigen (Rv1980c) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
MPT64 IgA antibody detection ELISA	LIO- MPT64-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> MPT64 antigen (Rv1980c) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
MPT64 IgM antibody detection ELISA	LIO- MPT64-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> MPT64 antigen (Rv1980c) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
Apa IgG antibody detection ELISA	LIO-Apa-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> Apa antigen (Rv1860) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
Apa IgA antibody detection ELISA	LIO- Apa -02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> Apa antigen (Rv1860) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.

1.2. ELISA Kits for collaborative research use

1.2.1. Detection of human antibodies

Product	Cat. No.	Format	Remarks / Price
Apa IgM antibody detection ELISA	LIO- Apa -03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> Apa antigen (Rv1860) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
Tpx IgG antibody detection ELISA	LIO-Tpx-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> Tpx antigen (Rv1932) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
Tpx IgA antibody detection ELISA	LIO- Tpx -02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> Tpx antigen (Rv1932) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
Tpx IgM antibody detection ELISA	LIO- Tpx -03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> Tpx antigen (Rv1932) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
LAM IgG antibody detection ELISA	LIO-LAM-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> LAM in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
LAM IgA antibody detection ELISA	LIO-LAM-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> LAM in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
LAM IgM antibody detection ELISA	LIO-LAM-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> LAM in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
MPB70 IgG antibody detection ELISA	LIO-MPB70-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. bovis</i> MPB70 (Mb2900) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
MPB70 IgA antibody detection ELISA	LIO-MPB70-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. bovis</i> MPB70 (Mb2900) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.

1.2. ELISA Kits for collaborative research use

1.2.1. Detection of human antibodies

Product	Cat. No.	Format	Remarks / Price
MPB70 IgM antibody detection ELISA	LIO-MPB70-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. bovis</i> MPB70 (Mb2900) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
MPB83 IgG antibody detection ELISA	LIO-MPB83-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. bovis</i> MPB83 (Mb2898) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
MPB83 IgA antibody detection ELISA	LIO-MPB83-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. bovis</i> MPB83 (Mb2898) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
MPB83 IgM antibody detection ELISA	LIO-MPB83-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. bovis</i> MPB83 (Mb2898) in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
AlaDH IgG antibody detection ELISA	LIO-AlaDH-01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgG antibodies against <i>M. tuberculosis</i> AlaDH in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
AlaDH IgA antibody detection ELISA	LIO-AlaDH-02	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgA antibodies against <i>M. tuberculosis</i> AlaDH in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
AlaDH IgM antibody detection ELISA	LIO-AlaDH-03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human IgM antibodies against <i>M. tuberculosis</i> AlaDH in serum and plasma from human For collaborative research use only. Not intended for diagnostic purposes.
Mycobact HSP70 IgG Antibody ELISA	LIO-HSP01	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human antibodies against heat shock proteins of <i>M. tuberculosis</i> in serum form human
Mycobact HSP70 IgA Antibody ELISA	LIO-HSP02	96 individual breakable wells	For collaborative research use only. Not intended for diagnostic purposes.
Mycobact HSP65 IgG Antibody ELISA	LIO-HSP03	96 individual breakable wells	Serological ELISA test kits with ready-to-use components, detection of human antibodies against heat shock proteins of <i>M. tuberculosis</i> in serum form human
Mycobact HSP65 IgA Antibody ELISA	LIO-HSP04	96 individual breakable wells	For collaborative research use only. Not intended for diagnostic purposes.

1.2.2. Detection of animal antibodies

Product	Cat. No.	Format	Remarks / Price
BOVINE TB-ELISA	LIO-TUB06	96 individual breakable wells	Serological ELISA test kit with ready-to-use components, detection of bovine antibodies against <i>M. bovis</i> antigens in serum and plasma
	LIO-TUB06B	2 x 96 individual breakable wells	For collaborative research use only. Not intended for diagnostic purposes.
BOVINE MPB70 Antibody ELISA	LIO-TUB06_MPB70	96 individual breakable wells	Serological ELISA test kit with ready-to-use components, detection of bovine antibodies against <i>M. bovis</i> MPB70 in serum and plasma. For collaborative research use only. Not intended for diagnostic purposes.
BOVINE MPB83 Antibody ELISA	LIO-TUB06_MPB83	96 individual breakable wells	Serological ELISA test kit with ready-to-use components, detection of bovine antibodies against <i>M. bovis</i> MPB83 in serum and plasma. For collaborative research use only. Not intended for diagnostic purposes.

2. Lateral flow based Rapid-Tests

2.1. Rapid tests for In Vitro Diagnostics (IVD)

Product	Cat. No.	Format	Remarks / Price
TB-ST⁺² Tuberculosis Rapid Test / TB-ST⁺² Tuberculose Schnelltest	1010	10 test devices and 1 dropper diluent bottle	In-vitro diagnostic rapid test based on recombinant antigens, qualitative detection of human antibodies (IgG, IgM) against active tuberculosis in serum, plasma or whole blood, Please enquire
LIODetect®CRP 10-30 Rapid Test/ LIODetect®CRP 10-30 Schnelltest	CRP-10-30_10	10 Test cassettes, 10 mixing tubes, 10 End-to-end capillaries	The LIODetect®CRP 10-30 Rapid Test is an in-vitro diagnostic membrane based rapid test for semi-quantitative detection of CRP in serum, plasma or whole blood, Please enquire
LIODetect®CRP 10-60 Rapid Test/ LIODetect®CRP 10-60 Schnelltest	CRP-10-60_10	10 Test cassettes, 10 mixing tubes, 10 End-to-end capillaries	The LIODetect®CRP 10-60 Rapid Test is an in-vitro diagnostic membrane based rapid test for semi-quantitative detection of CRP in serum, plasma or whole blood, Please enquire
LIODetect®TB-ST Tuberculosis Rapid test	3010 3020	10 test devices and 1 dropper diluent bottle; 20 test devices and 2 dropper diluent bottles.	In-vitro diagnostic rapid test based on Tuberculosis antigens, qualitative detection of human antibodies (IgG, IgA and IgM) against active tuberculosis in serum, plasma or whole blood

2.2. Rapid tests for collaborative research use

Product	Cat. No.	Format	Remarks / Price
LIODetect®TB Urine Tuberculosis Rapid test	AG004	10 test devices and 1 dropper diluent bottle	Rapid test based on recombinant antibodies, detection of LAM in urine. For collaborative research use only. Not intended for diagnostic purposes.
LIODetect®TB Culture Tuberculosis Rapid test	AG001	10 test devices and 1 dropper diluent bottle	Rapid test based on recombinant antibodies, detection of MPT64 in culture supernatant. For collaborative research use only. Not intended for diagnostic purposes.
ANIMAL TB RAPID Tuberculosis Rapid Test	2050	50 test devices and 5 dropper diluent bottles	Rapid test based on recombinant antigens, detection of bovine antibodies against active tuberculosis in serum or plasma. For collaborative research use only. Not intended for diagnostic purposes.
Detect-Clostridium perfringens β2-Toxin Rapid Test	AG002	10 test devices and 1 dropper diluent bottle, contains 3 standard solutions and 10 vials with culture medium	Rapid test based on polyclonal antibodies, detection of Clostridium perfringens β2-Toxin in culture supernatant. Not intended for diagnostic purposes.

3. Cytokine detection assays

Product	Cat. No.	Format	Remarks / Price
HUMAN IFN-γ ELISA	LIO-IFN 01	96 individual breakable wells	ELISA kit for detecting human IFN- γ in plasma For performance evaluation only!
HUMAN IL-2 ELISA	LIO-IL2 01	96 individual breakable wells	ELISA kit for detecting human IL-2 in plasma For performance evaluation only!
LIOFeron TB/LTBI HUMAN BLOOD STIMULATION VIALS – combination kit	LIO-Feron 01	22 Tests (contain control and antigen vials)	LIOFeron TB/LTBI - HUMAN BLOOD STIMULATION VIALS (cytokine release assay for stimulating IFN- γ release in human blood samples). Use in combination with LIOFeron TB/LTBI - HUMAN IFN- γ ELISA, Cat. No. LIO-Feron 02. For performance evaluation only!
LIOFeron TB/LTBI HUMAN IFN-γ ELISA – combination kit	LIO-Feron 02	22 Tests (96 individual breakable wells and solutions)	LIOFeron TB/LTBI - HUMAN IFN- γ ELISA (ELISA kit for detecting human IFN- γ in plasma). Use in combination with LIOFeron TB/LTBI - HUMAN BLOOD STIMULATION VIALS, Cat. No. LIO-Feron 01. For performance evaluation only!
LIOKine®TB	LIO-Kine 01	1 determination (3 vials: test vial, positive control, negative control)	Human blood cytokine release assay for stimulating IL-2 release in human blood samples, intended to be used in combination with HUMAN IL-2 ELISA For performance evaluation only!
LIOSpot®TB human	LIO-ELI-IL201	96 individual breakable wells	ELISpot Test for detecting IL-2 against <i>M. tuberculosis</i> by stimulating PBMCs isolated from human blood samples For performance evaluation only!

4. Recombinant* proteins of mycobacteria					
Special reduced prices for public institutions. Please enquire.					
Product	Cat. No.	Format	Remarks / Price		
HSP60.1	Rv3417c	LRP-0001.2 LRP-0001.3	lyophilised	500 µg 1 mg	Heat shock protein (cpn60.1) of <i>M. tuberculosis</i>
HSP65	Rv0440	LRP-0002.2 LRP-0002.3	lyophilised	500 µg 1 mg	Heat shock protein 65 (cpn60.2) of <i>M. tuberculosis</i> , identical to that of <i>M. bovis</i>
HSP70	Rv0350	LRP-0003.2 LRP-0003.3	lyophilised	500 µg 1 mg	Heat shock protein 70 of <i>M. tuberculosis</i> , identical to that of <i>M. bovis</i>
Antigen 85A	Rv3804c	LRP-0004.2 LRP-0004.4	lyophilised soluble	500 µg 500 µg	Member of Antigen 85 Complex of <i>M. tuberculosis</i>
Antigen 85B	Rv1886c	LRP-0005.2 LRP-0005.3 LRP-0005.4	soluble soluble lyophilised	500 µg 1 mg 500 µg	Member of Antigen 85 Complex of <i>M. tuberculosis</i>
Antigen MPT51	Rv3803c	LRP-0006.2 LRP-0006.4	soluble lyophilised	500 µg 500 µg	Member of Antigen 85 Complex of <i>M. tuberculosis</i> , FBPD
MPB70	Mb2900	LRP-0007.2 LRP-0007.4	lyophilised soluble	500 µg 500 µg	Major secreted immunogenic MBP70 precursor of <i>M. bovis</i> , function unknown
MPB83	Mb2898	LRP-0008.2 LRP-0008.4 LRP-0008.5	lyophilised soluble	500 µg 500 µg 1 mg	Cell surface lipid protein MBP83 of <i>M. bovis</i> , function unknown
MPT64	Rv1980c	LRP-0009ms.2 LRP-0009ms.4 LRP-0009ms.5	lyophilised soluble	500 µg 500 µg 1 mg	Protein MPT64 of <i>M. tuberculosis</i> , identical to protein MPB64 of <i>M. bovis</i> , function unknown, <u>Recombinant protein produced in <i>Mycobacterium smegmatis</i></u>
NarL	Rv0844c	LRP-0010.2	lyophilised	500 µg	Probable nitrate/nitrite regulatory protein of <i>M. tuberculosis</i>
PstS1 (38 kDa)	Rv0934	LRP-0011.2 LRP-0011.3 LRP-0011.4 LRP-0011.5 LRP-0011.6	lyophilised soluble soluble soluble	500 µg 1 mg 100 µg 500 µg 1 mg	Periplasmatic PstS1 protein of <i>M. tuberculosis</i> , involved in phosphate transport contains full signal sequence
Apa	Rv1860	LRP-0012.2 LRP-0012.3	soluble	500 µg 1 mg	Alanine and proline rich secreted protein Apa of <i>M. tuberculosis</i> , function unknown
SigC	Rv2069	LRP-0013.2	soluble	500 µg	Probable RNA polymerase sigma factor of <i>M. tuberculosis</i>
SigJ	Rv3328c	LRP-0014.2	on request	500 µg	Probable alternative RNA polymerase sigma factor of <i>M. tuberculosis</i>
GlnA1	Rv2220	LRP-0015.3 LRP-0015.4	soluble	100 µg 500 µg	Glutamine synthetase GlnA1 of <i>M. tuberculosis</i>
CFP10	Rv3874	LRP-0016.2	lyophilised	500 µg	10 kDa culture filtrate antigen of <i>M. tuberculosis</i> , function unknown
ESAT6	Rv3875	LRP-0017.3	lyophilised	500 µg	6 kDa early secretory antigen Esat6 of <i>M. tuberculosis</i> , function unknown
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"					
** The proteins may be covered by patents					

4. Recombinant* proteins of mycobacteria					
Special reduced prices for public institutions. Please enquire.					
Product		Cat. No.	Format		Remarks / Price
TB10.3	Rv3019c	LRP-0018.2 LRP-0018.4	lyophilised soluble	500 µg 500 µg	Secreted Esat6-like protein TB10.3 of <i>M. tuberculosis</i> , function unknown
16 kDa	Rv2031c	LRP-0019C.2 LRP-0019C.3 LRP-0019C.5 LRP-0019C.6	lyophilised soluble	500 µg 1 mg 500 µg 1 mg	Heat shock protein (hspX; Acr) / 14 kDa Antigen / 16 kDa Antigen of <i>M. tuberculosis</i>
16 kDa	Rv2031c	LRP-0019ms.2 LRP-0019ms.4	soluble lyophilised	500 µg 500 µg	Heat shock protein (hspX; Acr) / 14 kDa Antigen / 16 kDa Antigen of <i>M. tuberculosis</i> , <u>Recombinant protein produced in <i>Mycobacterium smegmatis</i></u>
HSP20	Rv0251c	LRP-0020.2	lyophilised	500 µg	Heat shock protein Hsp20 of <i>M. tuberculosis</i>
PstS3	Rv0928	LRP-0021.3 LRP-0021.4	soluble	500 µg 1 mg	Periplasmic phosphate binding PstS3 lipoprotein of <i>M. tuberculosis</i>
AlaDH	Rv2780	LRP-0022.2 LRP-0022.3 LRP-0022.5 LRP-0022.6	lyophilised soluble	500 µg 1 mg 500 µg 1 mg	Secreted L-alanine dehydrogenase of <i>M. tuberculosis</i>
10 kDa	Rv3418c	LRP-0023.1	lyophilised	600 µg	Heat shock protein / Cpn10 / MPT54 of <i>M. tuberculosis</i>
19 kDa	Rv3763	LRP-0024.2	soluble	500 µg	19 kDa lipoprotein antigen precursor of <i>M. tuberculosis</i>
LppO	Rv2290	LRP-0025.2 LRP-0025.3	soluble	500 µg 1 mg	Probable conserved lipoprotein LppO of <i>M. tuberculosis</i> function unknown
GlcB	Rv1837c	LRP-0026.2 LRP-0026.3 LRP-0026.5 LRP-0026.6	lyophilised soluble	500 µg 1 mg 500 µg 1 mg	Probable malate synthetase of <i>M. tuberculosis</i>
Tpx (CFP20)	Rv1932	LRP-0027.2 LRP-0027.3 LRP-0027.5 LRP-0027.6	lyophilised soluble	500 µg 1 mg 500 µg 1 mg	CFP20 protein of <i>M. tuberculosis</i> , Thiol peroxidase activity
Rv0831c	Rv0831c	LRP-0028.2	soluble	500 µg	Conserved protein of <i>M. tuberculosis</i> , function unknown <u>Recombinant protein produced in <i>Mycobacterium smegmatis</i></u>
Rv2626c	Hrp1	LRP-0029.2	soluble	250 µg	Hypoxic response protein 1 Hrp1 of <i>M. tuberculosis</i> , function unknown, <u>Recombinant protein produced in <i>Mycobacterium smegmatis</i></u>
Ppe57	Rv3425	LRP-0030	on request		PPE family protein of <i>M. tuberculosis</i> , function unknown
Ppe58	Rv3426	LRP-0031	on request		PPE family protein of <i>M. tuberculosis</i> , function unknown
Ppe65	Rv3621c	LRP-0032	on request		PPE family protein of <i>M. tuberculosis</i> , function unknown
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"					
** The proteins may be covered by patents					

4. Recombinant* proteins of mycobacteria				
Special reduced prices for public institutions. Please enquire.				
Product	Cat. No.	Format	Remarks / Price	
TB16.3	Rv2185c	LRP-0034.2	soluble	500 µg Conserved hypothetical protein of <i>M. tuberculosis</i> , function unknown
Bcp	Rv2521	LRP-0035	on request	Putative antioxidant protein Bcp of <i>M. tuberculosis</i>
Mb2890	Mb2890	LRP-0036	on request	Conserved hypothetical protein of <i>M. bovis</i> , function unknown
LpqG	Rv3623	LRP-0037	on request	Probable conserved lipoprotein LpqG of <i>M. tuberculosis</i> function unknown
PE35	Rv3872	LRP-0038.1	lyophilised	500 µg PE family related protein PE35 of <i>M. tuberculosis</i> ; function unknown
Rv3876	Rv3876	LRP-0039	on request	Conserved hypothetical proline and alanine rich protein Rv3876 of <i>M. tuberculosis</i> , function unknown
Rv3877	Rv3877	LRP-0040	on request	Probable conserved transmembrane protein Rv3877 of <i>M. tuberculosis</i> ; function unknown
Rv3878	Rv3878	LRP-0041	on request	Conserved hypothetical alanine rich protein Rv3878 of <i>M. tuberculosis</i> , function unknown
Rv0309	Rv0309	LRP-0042	on request	Probable conserved exported protein Rv0309 of <i>M. tuberculosis</i> ; function unknown
Rv1508A	Rv1508A	LRP-0043	on request	Conserved hypothetical protein Rv1508A of <i>M. tuberculosis</i> ; function unknown
Rv1510	Rv1510	LRP-0044	on request	Probable conserved membrane protein Rv1510 of <i>M. tuberculosis</i> ; function unknown
Rv1974	Rv1974	LRP-0045	on request	Probable conserved membrane protein Rv1974 of <i>M. tuberculosis</i> ; function unknown
CFP21	Rv1984c	LRP-0046	on request	Probable cutinase precursor CFP21 of <i>M. tuberculosis</i> ; hydrolyses cutin
Rv1986	Rv1986	LRP-0047	on request	Probable conserved integral membrane protein Rv1986 of <i>M. tuberculosis</i> ; possibly involved in lysine transport
Rv2075c	Rv2075c	LRP-0048	on request	Possible hypothetical exported protein Rv2075c of <i>M. tuberculosis</i> , function unknown
BcpB	Rv1608c	LRP-0049	on request	Probable peroxidoxin BcpB of <i>M. tuberculosis</i>
TpxC60S	Rv1932 modified	LRP-0050.2 LRP-0050.3 LRP-0050.5 LRP-0050.6	lyophilised soluble	500 µg 1 mg 500 µg 1 mg CFP20 protein of <i>M. tuberculosis</i> , with amino acid exchange at position 60 (the cysteine was replaced by a serine)
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"				
** The proteins may be covered by patents				

4. Recombinant* proteins of mycobacteria

Special reduced prices for public institutions. Please enquire.

Product	Cat. No.	Format	Remarks / Price
TB15.3 Rv1636	LRP-0051.2	lyophilised	500 µg
	LRP-0051.3		1 mg
	LRP-0051.5	soluble	500 µg
	LRP-0051.6		1 mg
HBHA Rv0475	LRP-0052.2	lyophilised	500 µg
	LRP-0052.3		1 mg
	LRP-0052.5	soluble	500 µg
	LRP-0052.6		1 mg
Rv3615c Rv3615c	LRP-0053.2	soluble	500 µg
	LRP-0053.3		1 mg
	LRP-0053.5	lyophilised	500 µg
Rv0222 Rv0222	LRP-0054.2	soluble	500 µg
ICD2 Rv0066c	LRP-0055.2 LRP-0055.3	soluble	500 µg 1 mg
pckA Rv0211	LRP-0056.2 LRP-0056.3	soluble	500 µg 1 mg
ICL Rv0467	LRP-0057.2 LRP-0057.3	soluble	500 µg 1 mg
pfkA Rv3010c	LRP-0058.IB	prepurified Inclusion bodies	
Rv3407 Rv3407	LRP-0059.2	lyophilised	250 µg
Rv3583c Rv3583c	LRP-0060.2 LRP-0060.3	soluble	500 µg 1 mg
CFP7 / TB10.4 Rv0288	LRP-0061.2	lyophilised	250 µg
	LRP-0061.3		500 µg
	LRP-0061.4	soluble	500 µg
esxS Rv3020c	LRP-0062.2 LRP-0062.3		250 µg 500 µg
Rv3597c Rv3597c	LRP-0063.2	soluble	250 µg
whiB1 Rv3219	LRP-0064.3	soluble	500 µg
Rv1675c Rv1675c	LRP-0065.2	soluble	250 µg
Fum Rv1098c	LRP-0066	soluble	
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"			
** The proteins may be covered by patents			

4. Recombinant* proteins of mycobacteria				
Special reduced prices for public institutions. Please enquire.				
Product	Cat. No.	Format	Remarks / Price	
GltA2	Rv0896	LRP-0067	soluble	Probable citrate synthase I GLTA2 of <i>M. tuberculosis</i>
MDH	Rv1240	LRP-0068	soluble	Probable malate dehydrogenase Mdh of <i>M. tuberculosis</i>
MUL3720		LRP-0069.3	lyophilised	500 µg <i>M. ulcerans</i>
MUL2232		LRP-0070.3	lyophilised	500 µg <i>M. ulcerans</i>
MUL2232		LRP-0070.5	soluble	400 µg <i>M. ulcerans</i>
MUL4987		LRP-0071.3	soluble	500 µg <i>M. ulcerans</i> Antigen 85A
KatG	Rv1908	LRP-0072.2	soluble	250 µg Catalase-peroxidase-peroxynitritase T KatG of <i>M. tuberculosis</i>
CEH		LRP-0073.2	soluble	500 µg Fusion protein of Rv3874 and Rv3875
ECH		LRP-0074.2	soluble	500 µg Fusion protein of Rv3875 and Rv3874
Rv0733	Adk	LRP-0075.2	soluble	500 µg Probable adenylate kinase Adk (ATP-AMP transphosphorylase)
Rv3841	BfrB	LRP-0076.1	soluble	100 µg Possible Bacterioferritin BfrB
Rv2348c	Rv2348c	LRP-0077	in production	hypothetical protein of <i>M. tuberculosis</i> , function unknown
Rv2349c	PlcC	LRP-0078	in production	Probable Phospholipase C 3 PlcC
Rv2350c	PlcB, MpcB	LRP-0079	in production	Probable Membrane-associated Phospholipase C 2 PlcB
Rv2351c	PlcA, MpcA	LRP-0080	in production	Probable Membrane-associated Phospholipase C 1 PlcA
FP3a		LRP-0081.2	soluble	500 µg Fusion protein consisting of Rv1886c, linker peptide, heparin binding site of Rv0475, linker peptide, Rv0288
Rv2353c	PPE39	LRP-0082.2	soluble	250 µg PPE family protein of <i>M. tuberculosis</i> , function unknown
MPT53	Rv2878c, DsbE	LRP-0083.2	soluble	500 µg Soluble secreted antigen Mpt53 precursor, function unknown
PPE68	Rv3873	LRP-0084.1	soluble	100 µg PPE family protein of <i>M. tuberculosis</i> , function unknown
Rv3615c-3616c fusion protein	Rv3615c-3616c	LRP-0085.1	soluble	100 µg PPE family protein of <i>M. tuberculosis</i> , function unknown
PPE42	Rv2608	LRP-0086.2 LRP-0086.3	soluble	500 µg 250 µg PPE family protein of <i>M. tuberculosis</i> , function unknown
FP1		LRP-0087.2	soluble	500 µg Fusion protein consisting of Rv2031c, linker peptide, Rv1886c, linker peptide, heparin binding site of Rv0475
FP3		LRP-0088.2	soluble	500 µg Fusion protein consisting of Rv0288, linker peptide, Rv1886c, linker peptide, heparin binding site of Rv0475
MPT63	Rv1926c	LRP-0089.2	soluble	500 µg Immunogenic protein Mpt63 (antigen Mpt63/MPB63) (16 kDa immunoprotective extracellular protein), function unknown, <u>recombinant protein produced in <i>Mycobacterium smegmatis</i></u>
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"				
** The proteins may be covered by patents				

4. Recombinant* proteins of mycobacteria			
Special reduced prices for public institutions. Please enquire.			
Product	Cat. No.	Format	Remarks / Price
FP2	LRP-0090.2	soluble 500 µg	Fusion protein consisting of Rv2031c, linker peptide, Rv1980c, linker peptide, heparin binding site of Rv0475
FP4	LRP-0091.2	soluble 500 µg	Fusion protein consisting of Rv0288, linker peptide, Rv1980c, linker peptide, heparin binding site of Rv0475
Rv2352c PPE38	LRP-0092.2	soluble 500 µg	PPE family protein of <i>M. tuberculosis</i> , function unknown
Rv3133c DEVR, DOSR	LRP-0094.2	soluble 250 µg	Regulator part of the two component regulatory system DEVR/DEVS/dost. Controls HSPX Rv2031 ACR expression
Adjuvant C	LRP-0095.2	soluble 500 µg	Please enquire
Rv3881c EspB	LRP-0096.2	soluble 500 µg	Secreted ESX-1 substrate protein B of <i>M. tuberculosis</i>
FP1b	LRP-0097.2	soluble 500 µg	Fusion protein consisting of Rv2031c, linker peptide, Rv1886c
FP2b	LRP-0098.2	soluble 500 µg	Fusion protein consisting of Rv2031c, linker peptide, Rv1980c
Tetra-fusion	LRP-0099.1 LRP-0099.2	soluble 100 µg 500 µg	Fusion protein consisting of Rv3615c, Rv3020c, Rv3875, Rv3874
FP3b	LRP-0100.2 LRP-0100.3	soluble 500 µg	Fusion protein consisting of Rv0288, linker peptide, Rv1886c
FP4b	LRP-0101.2 LRP-0101.3	soluble 500 µg	Fusion protein consisting of Rv0288, linker peptide, Rv1980c
Ssb Rv0054	LRP-0102.2	soluble 500 µg	Single-strand binding protein Ssb (helix-destabilizing protein) of <i>M. tuberculosis</i>
Rv2628 Rv2628	LRP-0103.2	soluble 500 µg	Hypothetical unknown protein of <i>M. tuberculosis</i>
Rv1516c Rv1516c	LRP-0106.1	soluble 100 µg	Unknown protein of <i>M. tuberculosis</i> , involved in cellular metabolism
Rv1411c Rv1411c	LRP-0107.1	soluble 250 µg	Conserved lipoprotein LprG of <i>M. tuberculosis</i>
CFP25 Rv2301	LRP-0108.2	soluble 500 µg	Cut2, Culp2, CLP2; Probable cutinase Cut2 of <i>M. tuberculosis</i>
Rv1269c Rv1269c	LRP-0109.1	soluble 100 µg	Conserved probable secreted protein of <i>M. tuberculosis</i> , function unknown
CFP2 Rv2376c	LRP-0110.4	lyophilised 500 µg	MTB12, Low molecular weight antigen CFP2 (low molecular weight protein antigen 2) (CFP-2) Function not known, putative secreted protein of <i>M. tuberculosis</i>
AcpM Rv2244	LRP-0111.2	soluble 500 µg	Meromycolate extension acyl carrier protein AcpM of <i>M. tuberculosis</i> , Involved in fatty acid biosynthesis (mycolic acids synthesis); involved in meromycolate extension.
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"			
** The proteins may be covered by patents			

4. Recombinant* proteins of mycobacteria

Special reduced prices for public institutions. Please enquire.

Product		Cat. No.	Format		Remarks / Price
TB7.7	Rv2654c	LRP-0113.2	soluble	500 µg	Possible PhiRv2 prophage protein
Rv2645	Rv2645	LRP-0114.1	soluble	100 µg	Hypothetical protein of M. tuberculosis, function unknown
Rv2032	acg	LRP-0115.2	soluble	500 µg	Conserved protein Acg
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"					
** The proteins may be covered by patents					

5. Human recombinant* proteins

Special reduced prices for public institutions. Please enquire.

Product	Cat. No.	Format	Remarks / Price
HSP60	LRP-H001.2	soluble 250 µg	Human heat shock protein 60 contains N-terminal histidine tag and thrombin cleavage site
HSP70	LRP-H002.2	lyophilised 500 µg	Human heat shock protein 70 free of tags, high ATP content
HSC70	LRP-H003.2	on request 500 µg	Human heat shock protein HSC70 (HSP73; HSPA10) free of tags, high ATP content
HSP70	LRP-H004.2	soluble 500 µg	Human heat shock protein 70 contains N-terminal histidine tag and thrombin cleavage site, low ATP content
HSC70	LRP-H005.2	soluble 500 µg	Human heat shock protein HSC70 (HSP73; HSPA10) contains N-terminal histidine tag and thrombin cleavage site, low ATP content
UPK3A	LRP-H006		Please enquire
CYFRA21	LRP-H007		Please enquire
MYC	LRP-H008		Please enquire
IL8	LRP-H009		Please enquire
VIM	LRP-H010		Please enquire
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"			
** The proteins may be covered by patents			

6. Miscellaneous recombinant* proteins

Special reduced prices for public institutions. Please enquire.

Product	Cat. No.	Format	Remarks / Price
<i>Neisseria meningitidis</i> HSP65	LRP-M001.2 LRP-M001.3	soluble 500 µg 1 mg	Heat shock protein (HSP65) of <i>N. meningitidis</i> , Please enquire
<i>Neisseria meningitidis</i> HSP70	LRP-M002.2 LRP-M002.3	soluble 500 µg 1 mg	Heat shock protein (HSP70) of <i>N. meningitidis</i> , Please enquire
<i>Brucella melitensis</i> invB	LRP-M003.3 LRP-M003.4	soluble 500 µg 1 mg	Invasion protein B (also known as "iaiB"), Please enquire
<i>Brucella melitensis</i> PotD	LRP-M004.2 LRP-M004.3	soluble 500 µg 1 mg	ABC transporter, periplasmic spermidine putrescine-binding protein PotD – TRUNCATED, Please enquire
<i>Brucella melitensis</i> PotF	LRP-M005.2 LRP-M005.3	solubl 500 µg 1 mg	putative ABC transporter extracellular solute binding protein PotF - TRUNCATED, Please enquire
<i>Streptococcus sanguinis</i> p28	LRP-M006.2 LRP-M006.3	soluble 500 µg 1 mg	Phosphoglyceromutase, Please enquire
EBNA-1 Antigen	LRP-M007	soluble	Please enquire
HIV-1 p24	LRP-M008.2 LRP-M008.3	lyophilised 500 µg soluble 500 µg	Human Immunodeficiency Virus Type 1 (HIV 1) p24 protein
<i>Burkholderia pseudomallei</i> LoIC	LRP-M009.1	soluble 200 µg	Please enquire
pp65	LRP-M010.1	lyophilised 100 µg	
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"			
** The proteins may be covered by patents			

6. Miscellaneous recombinant* proteins

Special reduced prices for public institutions. Please enquire.

Product	Cat. No.	Format	Remarks / Price
EBNA-3	LRP-M011.1	lyophilised 100 µg	
Influenza A virus NP1	LRP-M012.1	soluble 500 µg	
Influenza A virus NP2	LRP-M013.1	soluble 500 µg	
CMV IE-1 protein	LRP-M014.1	soluble 250 µg	
<i>Burkholderia pseudomallei</i> OppA	LRP-M015.3	soluble 1 mg	Please enquire
<i>Burkholderia pseudomallei</i> PotF	LRP-M016.2	soluble 500 µg	Please enquire
<i>Burkholderia pseudomallei</i> Hcp6	LRP-M017.1	soluble 100 µg	Please enquire
<i>Francisella tularensis</i> igIB2	LRP-M018.1	soluble 100 µg	FTT_1713c, Please enquire
<i>Francisella tularensis</i> DnaK	LRP-M019.2 LRP-M019.3	soluble 500 µg 1 mg	FTT_1269c, Please enquire
<i>Francisella tularensis</i> GroES	LRP-M020.2	soluble 500 µg	FTT_1695, Please enquire
<i>Francisella tularensis</i> GroEL	LRP-M021.2	soluble 500 µg	FTT_1696, Please enquire
<i>Francisella tularensis</i> LpnA	LRP-M022.1	soluble 100 µg	Please enquire
<i>Burkholderia pseudomallei</i> Omp7	LRP-M023.1 LRP-M023.2	soluble 100 µg 500 µg	<u>Recombinant protein produced in <i>Lactococcus lactis</i></u> , Please enquire
<i>Burkholderia pseudomallei</i> mutBimA	LRP-M024.2	soluble 500 µg	BPSS1492 truncated (aa 54-455), amino acid exchange A62T, Please enquire
* **	Produced in <i>E. coli</i> unless otherwise stated in "Remarks" The proteins may be covered by patents		

7. Miscellaneous antigens

Special reduced prices for public institutions. Please enquire.

Product	Cat. No.	Format		Remarks / Price
BCG Lipoarabinomannan (LAM)	LRP-A001.1	soluble	10 µg	Purified from <i>M. bovis</i> BCG
	LRP-A001.2		50 µg	
	LRP-A001.5	100 µg		
	LRP-A001.3	lyophilised	100 µg	
	LRP-A001.4		200 µg	
BCG Lipomannan (LM)	LRP-A002.1	soluble	10 µg	Purified from <i>M. bovis</i> BCG
	LRP-A002.2		50 µg	
BCG Phosphatidylinositol mannosides (PIM)	LRP-A003.1	soluble	10 µg	Purified from <i>M. bovis</i> BCG
	LRP-A003.2		50 µg	
MTB Lipoarabinomannan (LAM)	LRP-A004.1	soluble	10 µg	Purified from <i>M. tuberculosis</i> H37Rv
	LRP-A004.2		50 µg	
	LRP-A004.3		100 µg	
	LRP-A004.4		500 µg	
MTB Lipomannan (LM)	LRP-A005.1	soluble	10 µg	Purified from <i>M. tuberculosis</i> H37Rv
	LRP-A005.2		50 µg	
MTB Phosphatidylinositol mannosides (PIM)	LRP-A006.1	soluble	10 µg	Purified from <i>M. tuberculosis</i> H37Rv
	LRP-A006.2		50 µg	
* Produced in <i>E. coli</i> unless otherwise stated in "Remarks"				
** The proteins may be covered by patents				

8. LIONEX Antigen Cocktails*

Special reduced prices for public institutions. Please enquire.

Product	Cat. No.	Format	Remarks / Price
Lionex Antigen Cocktail BR-1003-1-U-msG	BR-1003-1-U-msG.1	lyophilised 1 mg	Please enquire
Elli-TB-cocktail 9	IFN- γ -ELLI9	lyophilised 500 μ g	Please enquire
Lionex Antigen Cocktail NWJ-BV	LAC_NWJ-BV.1	lyophilised 1 mg	Please enquire
Bovine TB Cocktail 01	BTBC01.1	soluble 1 mg	Please enquire

* Produced in *E. coli* unless otherwise stated in "Remarks"

** The proteins may be covered by patents

9. LIONEX Antibodies

Special reduced prices for public institutions. Please enquire.

9.1. Antibodies for detecting mycobacterial proteins

Antibody	Specificity	Ig class / subclass	Host	Cat. No.	Remarks / Price
a-MPB70	<i>M. bovis</i> MPB70	IgG mab*	mouse	LAB-0007a1.mp	Unconjugated, please enquire
a-MPB70	<i>M. bovis</i> MPB70	IgG mab*	mouse	LAB-0007a2.mp	Unconjugated, please enquire
a-MPB70	<i>M. bovis</i> MPB70	IgG mab*	mouse	LAB-0007a3.mp	Unconjugated, please enquire
a-MPB70	<i>M. bovis</i> MPB70	IgG mab*	mouse	LAB-0007a4.mp	Unconjugated, please enquire
a-MPB83	<i>M. bovis</i> MPB83	IgG mab*	mouse	LAB-0008a.mp	Unconjugated, please enquire
a-PstS1 (a-38 kD)	<i>M. tuberculosis</i>	IgG mab* - IgG1	mouse	LAB-0011a1.mp	Unconjugated, please enquire
a-PstS1 (a-38 kD)	<i>M. tuberculosis</i>	IgG mab* - IgG1	mouse	LAB-0011a2.mp	Unconjugated, please enquire
a-PstS1 (a-38 kD)	<i>M. tuberculosis</i>	IgG mab*	mouse	LAB-0011a3.mp	Unconjugated, please enquire
a-PstS1 (a-38 kD)	<i>M. tuberculosis</i>	IgG mab*	mouse	LAB-0011a4.mp	Unconjugated, please enquire
a-85B	<i>M. tuberculosis</i>	IgG mab* - IgG1	mouse	LAB-0005.mp	Unconjugated, please enquire
a-MPT51 =fbpD=85C	<i>M. tuberculosis</i>	IgG pab**	mouse	LAB-0006a.pp	Unconjugated, please enquire
a-MPT51 =fbpD=85C	<i>M. tuberculosis</i>	IgG mab*	mouse	LAB-0006a1.mp	Unconjugated, please enquire
a-MPT51 =fbpD=85C	<i>M. tuberculosis</i>	IgG mab*	mouse	LAB-0006a2.mp	Unconjugated, please enquire
a-19kDa	<i>M. tuberculosis</i>	IgG pab**	mouse	LAB-0024a.pp	Unconjugated, please enquire
a-Tpx	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-0027a2.pp	Unconjugated, please enquire

* Produced in *E. coli* unless otherwise stated in "Remarks"

** The proteins may be covered by patents

9. LIONEX Antibodies

Special reduced prices for public institutions. Please enquire.

9.1. Antibodies for detecting mycobacterial proteins

Antibody	Specificity	Ig class / subclass	Host	Cat. No.	Remarks / Price
a-LAM	<i>M. tuberculosis</i> LAM / BCG LAM	IgM mab*	mouse	LAB-LAM1a1.mp	Unconjugated, please enquire, NOT FOR SALE!
a-LAM	<i>M. tuberculosis</i> LAM / BCG LAM	IgG pab**	rabbit	LAB-LAM2b1.pp	Unconjugated, please enquire, NOT FOR SALE!
a-LAM	<i>M. tuberculosis</i> LAM	IgG mab*	mouse	LAB-LAM3a1.mp	Unconjugated, please enquire, NOT FOR SALE!
a-LAM	<i>M. tuberculosis</i> LAM	IgM mab*	mouse	LAB-LAM3b1.mp	Unconjugated, please enquire, NOT FOR SALE!
a-HSP65	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-0002.pp	Unconjugated, please enquire
a-Rv3597c	<i>M. tuberculosis</i> LSR2	IgG pab**	mouse	LAB-0063a1.pp LAB-0063b1.pp	Unconjugated, please enquire
a-Rv3219	<i>M. tuberculosis</i>	IgG mab*	mouse	LAB-0064a1.mp - LAB-0064a4.mp	Unconjugated, please enquire
a-Rv3219	<i>M. tuberculosis</i>	IgG mab*	mouse	LAB-0064b1.mp LAB-0064b2.mp	Unconjugated, please enquire
a-Rv0001	<i>M. tuberculosis</i>	IgG mab*	mouse	LAB-0065a1.mp	Unconjugated, please enquire
a-ApaC	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-0012.pp	Unconjugated, please enquire
a-EN2	<i>M. tuberculosis</i>	IgG pab**	mouse	LAB-0013a1.pp LAB-0013c1.pp	Unconjugated, please enquire
a-EN2	<i>M. tuberculosis</i>	IgG mab*	mouse	LAB-0013b1.mp	Unconjugated, please enquire
a-EN2	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-0013.pp	Unconjugated, please enquire
a-Mul 2232 (a-18kDa)	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-0070.pp	Unconjugated, please enquire
a-Mul 3720	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-0069.pp	Unconjugated, please enquire
a-Mul 4987	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-0071.pp	Unconjugated, please enquire
a-Mul 0513	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-MUL 0513.pp	Unconjugated, please enquire
a-ECH-CEH (a-Esat6+CFP10)	<i>M. tuberculosis</i>	IgG pab**	rabbit	LAB-0073-0074.pp	Unconjugated, please enquire

* Produced in *E. coli* unless otherwise stated in "Remarks"

** The proteins may be covered by patents

9.2. Antibodies for detecting other species

Antibody	Specificity	Ig class / subclass	Host	Cat. No.	Remarks / Price
a-p28	<i>S. sanguinis</i> p28	IgG mab*	mouse	LAB-M006a1.mp	Unconjugated, please enquire
a-Influenza A virus NP1	<i>Influenza A virus</i>	IgG pab**	mouse	LAB-M012a.pp	Unconjugated, please enquire
a-Influenza A virus NP2	<i>Influenza A virus</i>	IgG pab**	mouse	LAB-M013a.pp	Unconjugated, please enquire
a-DH5 alpha	<i>E. coli</i>	IgG pab**	rabbit	LAB-E0001.pp	Unconjugated, please enquire

* Produced in *E. coli* unless otherwise stated in "Remarks"

** The proteins may be covered by patents

9.3. Antibodies for detecting human proteins

Antibody	Specificity	Ig class / subclass	Host	Cat. No.	Remarks / Price
a-IL2	<i>human</i>	IgG pab**	mouse	LAB-IL-2e.pp - LAB-IL-2o.pp	Unconjugated, please enquire
a-IL2	<i>human</i>	IgG mab*	mouse	LAB-IL-2a1.mp - LAB-IL-2d1.mp - LAB-IL-2h1.mp	Unconjugated, please enquire
a-IL2-Biotin	<i>human</i>	IgG mab*	mouse	LAB-IL-2h1.mp-B	Biotin conjugated, please enquire
a-IL8	<i>human</i>	IgG pab**	rabbit	LAB-H009.pp	Unconjugated, please enquire
a-IFN-gamma	<i>human</i>	IgG pab**	mouse	LAB-IFN- γ -a.pp - LAB-IFN- γ -h.pp	Unconjugated, please enquire
a-UPK3a	<i>human</i>	IgG pab**	rabbit	LAB-H006.pp	Unconjugated, please enquire
a-Cyfra21	<i>human</i>	IgG pab**	rabbit	LAB-H007.pp	Unconjugated, please enquire
a-MYC	<i>human</i>	IgG pab**	rabbit	LAB-H008.pp	Unconjugated, please enquire
a-VIM	<i>human</i>	IgG pab**	rabbit	LAB-H010.pp	Unconjugated, please enquire
a-EGFR	<i>human</i>	IgG pab**	rabbit	LAB-H011.pp	Unconjugated, please enquire
a-PTGS2	<i>human</i>	IgG pab**	rabbit	LAB-H012.pp	Unconjugated, please enquire
a-KRT20	<i>human</i>	IgG pab**	rabbit	LAB-H014.pp	Unconjugated, please enquire
a-CD44	<i>human</i>	IgG pab**	rabbit	LAB-H015.pp	Unconjugated, please enquire
a-FGFR3-second C-ter domain	<i>human</i>	IgG pab**	rabbit	LAB-H016.pp	Unconjugated, please enquire

* mab = monoclonal antibody

** pab = polyclonal antibody



The products are only for research. Commercial use is not permitted.

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