

Abbexa's Mpox (Monkeypox) Product Range

Monkeypox was recently declared a public health emergency, having had more than 50,000 cases confirmed worldwide in 2022. Monkeypox is an enveloped double-stranded DNA virus that occurs primarily in tropical rainforest areas of central and West Africa. It has comparable symptoms to that of smallpox, but less severe.

It enters the host through oropharynx, nasopharynx or intradermal routes. Symptoms can include high fever, headache, lymphadenopathy, systemic blisters and pustules. The incubation period (from infection to onset of symptoms) of monkeypox is usually 6 to 13 days but can range from 5 to 21 days.

Abbexa offers an extensive range of products to support research into Monkeypox.

Human Monkeypox Virus IgG/IgM (MPXV IgG/IgM) Rapid Test Kit (abx392299)

Human Monkeypox Virus IgG/IgM (MPXV IgG/IgM) Rapid Test Kit is a qualitative colloidal gold-based lateral flow immunochromatographic assay for the detection of human IgG and IgM antibodies against Monkeypox Virus (MPXV) in human serum, plasma and whole blood samples.



Monkeypox Virus (MPXV) RT-PCR Kit (abx471001)

Monkeypox Virus (MPXV) RT-PCR Kit contains pairs of specific primers and probes for the conserved regions of the Monkeypox Virus F3L gene. The MPXV nucleic acid in the lesion exudate specimen is quantitatively analyzed using real-time PCR detection technology after DNA extraction.



Kit Components (50 tests)

PCR Reaction Buffer - 1 ml | Positive Control - 0.5 ml | Negative Control - 0.5 ml

Monkeypox Kits

Catalogue Number	Product Name	Description	Product Sizes
abx392298	Human Monkeypox Virus IgG (MPXV IgG) ELISA Kit (Quantitative)	<i>Plate precoated with abx645001.</i> For detection of human IgG antibodies against Monkeypox Virus A29L in human serum, plasma and other biological fluids.	96 tests
abx392299	Human Monkeypox Virus IgM (MPXV IgM) ELISA Kit (Quantitative)	<i>Plate precoated with abx645001.</i> For detection of human IgM antibodies against Monkeypox Virus A29L in human serum, plasma and other biological fluids.	96 tests
abx092183	Human Monkeypox Virus IgG/IgM (MPXV IgG/IgM) Rapid Test Kit	For the detection of human IgG and IgM antibodies against Monkeypox Virus (MPXV) in human serum, plasma and whole blood samples.	100 tests, 400 tests, 1920 tests, 10000 tests
abx471001	Monkeypox Virus (MPXV) RT-PCR Kit	Contains pairs of specific primers and probes for the conserved regions of the Monkeypox Virus F3L gene.	300 tests



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Mpox (Monkeypox)

Monkeypox Antibodies

Catalogue Number	Product Name	Description	Product Sizes
abx376566	Monkeypox Virus A29L Antibody <i>Pairs with abx620109</i>	Mouse Monoclonal antibody for the detection of Monkeypox Virus A29L.	100 µg, 1mg
abx376567	Monkeypox Virus A35R Antibody <i>Pairs with abx620106</i>	Mouse Monoclonal antibody for the detection of Monkeypox Virus A35R.	100 µg, 1mg
abx376565	Monkeypox Virus E8L Antibody <i>Pairs with abx620107</i>	Mouse Monoclonal antibody for the detection of Monkeypox Virus E8L.	100 µg, 1mg
abx376562	Monkeypox Virus H3L Antibody	Mouse Monoclonal antibody for the detection of Monkeypox Virus H3L.	100 µg, 1mg
abx376563	Monkeypox Virus M1R Antibody <i>Pairs with abx620108</i>	Mouse Monoclonal antibody for the detection of Monkeypox Virus M1R.	100 µg, 1mg
abx376564	Monkeypox Virus M1R Antibody <i>Pairs with abx620108</i>	Mouse Monoclonal antibody for the detection of Monkeypox Virus M1R.	100 µg, 1mg

Monkeypox Proteins

Catalogue Number	Product Name	Description	Product Sizes
abx620120	Monkeypox Virus A14L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal GST and C-terminal His tags.	100 µg, 1mg
abx620104	Monkeypox Virus A26L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal GST and C-terminal His tags.	100 µg, 1mg
abx620105	Monkeypox Virus A27L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx645001	Monkeypox Virus A29L Protein <i>Used as precoated antigen in abx392298 and abx392299</i>	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg
abx620117	Monkeypox Virus A29L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal GST and C-terminal His tags.	100 µg, 1mg
abx620109	Monkeypox Virus A29L Protein <i>Pairs with abx376566</i>	Recombinant protein expressed in Mammalian cells. Tag: C-terminal His tag.	100 µg, 1mg
abx620123	Monkeypox Virus A30L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal GST and C-terminal His tags.	100 µg, 1mg



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Monkeypox Proteins

Catalogue Number	Product Name	Description	Product Sizes
abx620095	Monkeypox Virus A33R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620114	Monkeypox Virus A35R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620106	Monkeypox Virus A35R Protein Pairs with abx376567	Recombinant protein expressed in Mammalian cells. Tag: C-terminal His tag.	100 µg, 1mg
abx620097	Monkeypox Virus A36R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620101	Monkeypox Virus A44R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal GST and C-terminal His tags.	100 µg, 1mg
abx160091	Monkeypox Virus A5L and A11L Fusion Protein	Recombinant protein expressed in E. coli. Tag: N-terminal proprietary tag.	500 µg
abx620100	Monkeypox Virus B2R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620113	Monkeypox Virus B2R Protein	Recombinant protein expressed in Mammalian cells. Tag: C-terminal His tag.	100 µg, 1mg
abx620096	Monkeypox Virus B5R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620118	Monkeypox Virus B6R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620110	Monkeypox Virus B6R Protein	Recombinant protein expressed in Mammalian cells. Tag: C-terminal His tag.	100 µg, 1mg
abx620103	Monkeypox Virus C18L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620098	Monkeypox Virus C19L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620099	Monkeypox Virus D13L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620119	Monkeypox Virus D14L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620111	Monkeypox Virus D14L Protein	Recombinant protein expressed in Mammalian cells. Tag: C-terminal His tag.	100 µg, 1mg



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Catalogue Number	Product Name	Description	Product Sizes
abx620115	Monkeypox Virus E8L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620107	Monkeypox Virus E8L Protein <i>Pairs with abx376565</i>	Recombinant protein expressed in Mammalian cells. Tag: C-terminal His tag.	100 µg, 1mg
abx620121	Monkeypox Virus F3L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal GST and C-terminal His tags.	100 µg, 1mg
abx620102	Monkeypox Virus H3L Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620112	Monkeypox Virus H3L Protein	Recombinant protein expressed in Mammalian cells. Tag: C-terminal His tag.	100 µg, 1mg
abx620122	Monkeypox Virus L1R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal GST and C-terminal His tags.	100 µg, 1mg
abx620116	Monkeypox Virus M1R Protein	Recombinant protein expressed in E. coli. Tag: N-terminal His tag.	100 µg, 1mg
abx620108	Monkeypox Virus M1R Protein <i>Pairs with abx376563 and abx376564</i>	Recombinant protein expressed in Mammalian cells. Tag: C-terminal His tag.	100 µg, 1mg
abx160093	Monkeypox Virus P4a Protein	Recombinant antigen expressed in E. coli. Tag: N-terminal proprietary tag.	500 µg



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