

Product Datasheet

Monkeypox Virus (MPXV) A29L (His Tag) Protein (Control) (orb2280056)

Catalog Number	orb2280056
Category	Proteins
Description	<p>Monkeypox virus (MPXV), which can cause monkeypox (MPX), is a zoonotic enveloped dsDNA virus that belongs to the orthopoxvirus genus of the Poxviridae family. Monkeypox virus was first found in laboratory monkeys in 1958 and the first case of that monkeypox virus infecting humans was identified in 1970. Human Monkeypox virus infection was thought to be endemic in West and Central Africa. Cases from non-endemic countries were seldom identified. But the number of cases detected from 13th May to 21st May 2022 from 12 countries has surpassed the total number identified outside Africa since 1970. Unlike other outbreaks outside Africa before, such as USA in 2003 and Nigeria in 2017, these cases have no established travel links to an endemic area. This rapid spread has raised awareness among scientists.</p>
Form/Appearance	Purified,Liquid
Buffer/Preservatives	PBS, 5% mannital, 0.2% Tween20, pH7.4
Purity	>95% pure (SDS-PAGE)
Purification	Protein A Chromatography
MW	13 kDa
Tested applications	CLIA
Expression System	Mammalian cell
Matched Pairs	Control:orb2280056; Capture: orb2280050; Detection: orb2280049; Control:orb2280056; Capture: orb2280050; Detection: orb2280048;

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Source	Monkeypox virus isolate MPXV USA 2022 MA001
Sample Types	Test sample type: Rash acne blister exudate / Nasopharyngeal swabs / serum. Test sample source: Human
Storage	For long term storage, the product should be stored at -20°C or lower.
Note	For research use only
Expiration Date	6 months from date of receipt.

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