

Datasheet: 5685-3204

Description:	NATIVE HUMAN LOW DENSITY LIPOPROTEIN
Name:	LOW DENSITY LIPOPROTEIN
Format:	Purified
Product Type:	Purified Protein
Quantity:	5 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Functional Assays	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified from human plasma - liquid
Preparation	Purified via ultracentrifugation to homogeneity as determined via agarose gel electrophoresis.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.3mM EDTA
Approx. Protein Concentrations	Total protein concentration 5.0 mg/ml
Product Information	Low density lipoproteins transport cholesterol and triglycerides to cells requiring them. They are delivered via LDL receptors in the plasma membrane, via clathrin coated pits to the endosomal pathway for further processing.
Activity	This lot of material has been evaluated for receptor binding to human skin fibroblasts in conjunction with Dil-LDL.

References

1. Lufino, M.M. *et al.* (2016) The infectious BAC genomic DNA expression library: a high capacity vector system for functional genomics. [Sci Rep. 6: 28644.](#)
2. Spitsin, S. *et al.* (2017) Antiinflammatory effects of aprepitant coadministration with cART regimen containing ritonavir in HIV-infected adults. [JCI Insight. 2 \(19\) Oct 05 \[Epub ahead of print\].](#)
3. Xiong, W. *et al.* (2017) The macrophage C-type lectin receptor CLEC5A (MDL-1) expression is associated with early plaque progression and promotes macrophage survival. [J Transl Med. 15 \(1\): 234.](#)

Storage

Store at +4°C. DO NOT FREEZE.
This product should be stored undiluted. Precipitation may occur after prolonged storage. This is normal and can be removed by centrifugation. This product has been aseptically packaged and membrane filtered. Handle aseptically.

Guarantee

Guaranteed until date of expiry. Please see product label.

Health And Safety Information

Material Safety Datasheet documentation #10137 available at:
10137: <https://www.bio-rad-antibodies.com/uploads/MSDS/10137.pdf>

Donor material tested and found negative for HIV1, HIV2, HIV1 antigen, HBsAg, the antibody to HTLV1, HCV, HBcAg, ALT and syphilis.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.

Regulatory

For research purposes only

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