

Datasheet: 5685-3404

Description:	NATIVE HUMAN LOW DENSITY LIPOPROTEIN (ACETYLATED)
Name:	LOW DENSITY LIPOPROTEIN (ACETYLATED)
Format:	Purified
Product Type:	Purified Protein
Quantity:	2 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
ELISA	▪			

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 the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified acetylated LDL from human serum - liquid
Preparation	Purified to homogeneity via ultracentrifugation and acetylated with excess acetic anhydride.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.3 mM EDTA
Approx. Protein Concentrations	2.0 mg/ml
Product Information	Acetylated Low Density Lipoprotein (AcLDL) is taken up by cells via scavenger receptors and has been used as a mechanism of targeted drug delivery and in combination with saporin for the depletion of specific cell types. AcLDL behaves like oxidised LDL, both of which are degraded within lysosomes.
Activity	Each lot has been evaluated for receptor binding to murine peritoneal macrophages in

conjunction with [I-125] Ac-LDL or Dil-AcLDL

References

1. Limmon, G.V. *et al.* (2008) Scavenger receptor class-A is a novel cell surface receptor for double-stranded RNA. [FASEB J. 22: 159-67.](#)
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 \[Epub ahead of print\].](#)

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. After prolonged storage some precipitate may be observed. This is normal for this product and you should centrifuge at 500 g for ten minutes to clarify. 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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