

## Datasheet: 5685-3404

<b>Description:</b>	NATIVE HUMAN LOW DENSITY LIPOPROTEIN (ACETYLATED)
<b>Name:</b>	LOW DENSITY LIPOPROTEIN (ACETYLATED)
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified acetylated LDL from human serum - liquid
<b>Preparation</b>	Purified to homogeneity via ultracentrifugation and acetylated with excess acetic anhydride.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.3 mM EDTA
<b>Approx. Protein Concentrations</b>	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**

- 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.](#)
- 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.

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**Shelf Life**

Please see label for expiry date.

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**Health And Safety Information**

Material Safety Datasheet documentation available at:  
Material Safety Datasheet Documentation #10137 available at:  
<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.

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**Regulatory**

For research purposes only

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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