

## Datasheet: 5685-2004

<b>Description:</b>	NATIVE HUMAN HIGH DENSITY LIPOPROTEIN
<b>Name:</b>	HIGH DENSITY LIPOPROTEIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	10 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 appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified from human plasma - liquid
<b>Preparation</b>	Purified by ultracentrifugation (1.063 - 1.21 g/cc) to homogeneity as determined via agarose gel electrophoresis. HDL is then membrane filtered and and aseptically packaged in 1 ml aliquots.
<b>Buffer Solution</b>	TRIS buffered saline, EDTA
<b>Preservative Stabilisers</b>	0.3 mM EDTA
<b>Approx. Protein Concentrations</b>	10.0 mg/ml
<b>Product Information</b>	High density lipoprotein (HDL) is a complex that transports cholesterol in the blood to the liver. It is the smallest and densest of the lipoproteins as it contains the highest proportion of protein. It is thought that high levels of HDL can help to remove cholesterol from atheroma in the arteries thereby decreasing the risk of heart disease.

**References** 1. Xing, Y. *et al.* (2011) Aldosterone Production in Human Adrenocortical Cells Is Stimulated by High-Density Lipoprotein 2 (HDL2) through Increased Expression of Aldosterone Synthase (CYP11B2). [Endocrinology. 152: 751-63.](#)

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**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** Guaranteed until date of expiry. Please see product label.

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**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.

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**Regulatory** For research purposes only

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