

Datasheet: 4420-4804

Description:	NATIVE HUMAN FERRITIN
Name:	FERRITIN
Format:	Purified
Product Type:	Purified Protein
Quantity:	1 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 protein from human liver - liquid
Preparation	Multiple purification steps
Buffer Solution	TRIS buffered sodium chloride pH 7-8
Preservative	<0.01% bromo-nitro-dioxane
Stabilisers	<0.01% methylisothiazolone
Approx. Protein Concentrations	3.0 mg/ml

External Database Links

UniProt:

[P02792](#) [Related reagents](#)

[P02794](#) [Related reagents](#)

Entrez Gene:

[2512](#) FTL [Related reagents](#)

Synonyms	FTH, FTHL6
Product Information	Native human Ferritin is a purified preparation of human ferritin from liver tissue. Ferritin is a globular protein composed of 24 identical subunits responsible for storing iron in an available non-toxic form. Ferritin is found primarily in hepatic tissue. Serum levels of ferritin are used as an indicator for anaemia and restless leg syndrome. Ferritin levels are a direct correlate for the total amount of iron stored in the body
Purity	SDS PAGE: >95%
References	<ol style="list-style-type: none">1. Na, Y. <i>et al.</i> (2019) Carbon nanotube facilitated interface formation for enhanced protein sensing in electrosynthesized molecular imprinting ACS Applied Bio Materials. Aug 29 [Epub ahead of print].2. Stocki, P. <i>et al.</i> (2021) Blood-brain barrier transport using a high affinity, brain-selective VNAR antibody targeting transferrin receptor 1. FASEB J. 35 (2): e21172.
Further Reading	<ol style="list-style-type: none">1. Addison, J.M. <i>et al.</i> (1983) The amino acid sequence of human liver apoferritin. FEBS Lett. 164 (1): 139-44.
Storage	This product is shipped at ambient temperature. Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10520 available at: https://www.bio-rad-antibodies.com/SDS/4420-4804</p> <p>10520</p> <p>Donor material tested and found negative for HIV-1/HCV/HBV by NAT, HBsAg, HCV Ab, HIV 1&2 Ab, and RPR by currently approved FDA methods.</p> <p>As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.</p>
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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