

Datasheet: 4420-4804

BATCH NUMBER 168949

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](#)

[2495](#) FTH1 [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. Ferrin levels are a direct correlate for the total amount of iron stored in the body

Purity SDS PAGE: >95%

References

1. Na, Y. *et al.* (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. *et al.* (2021) Blood-brain barrier transport using a high affinity, brain-selective VNAR antibody targeting transferrin receptor 1. [FASEB J. 35 \(2\): e21172.](#)

Further Reading

1. Addison, J.M. *et al.* (1983) The amino acid sequence of human liver apoferritin. [FEBS Lett. 164 \(1\): 139-44.](#)

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10520 available at: <https://www.bio-rad-antibodies.com/SDS/4420-4804>
10520

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.

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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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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