

ARG80501 Human Ferritin ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG80501 Human Ferritin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Ferritin in serum and plasma.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Ferritin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.4 ng/ml
Sample Type	Serum and plasma.
Standard Range	5 - 1000 ng/ml
Sample Volume	20 µl
Alternate Names	NBIA3; Ferritin L subunit; Ferritin light chain; LFTD

Application Instructions

Assay Time	60 (RT), 10 min (RT/dark)
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FTL
Gene Full Name	ferritin, light polypeptide
Background	This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by RefSeq, Jul 2008]
Function	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of

iron to cells. Mediates iron uptake in capsule cells of the developing kidney (By similarity). [UniProt]

Highlight

Related products:

[Ferritin antibodies](#); [Ferritin ELISA Kits](#);

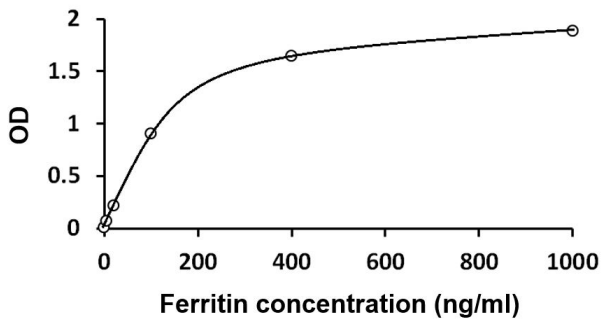
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Cell Biology and Cellular Response kit; Metabolism kit; Neuroscience kit; Signaling Transduction kit

Images



ARG80501 Human Ferritin ELISA Kit standard curve image

ARG80501 Human Ferritin ELISA Kit results of a typical standard run with optical density reading at 450 nm.