

Product Datasheet

Mouse Ferritin ELISA Kit (Colorimetric) KA1941

Unit Size: 1 Kit

Store at 4C.

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Publications: 11

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KA1941**Mouse Ferritin ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C.
Product Description	
Description	Ferritin (Mouse) ELISA Kit is a highly sensitive two-site enzyme-linked immunoassay for the quantitative determination of Ferritin in mouse biological samples.
Gene ID	2495
Gene Symbol	FTH1
Species	Mouse
Kit Components	Diluent Concentrate (Running Buffer): One bottle containing 5X concentrated diluent running buffer., Wash Solution Concentrate: One bottle containing a 20X concentrated wash solution., Enzyme-Antibody Conjugate 100X: One vial containing affinity purified anti-Mouse Ferritin antibody conjugated with horseradish peroxidase in a stabilizing buffer., Chromogen-Substrate Solution: One vial containing 3,3',5,5'-tetramethylbenzidine (TMB) and hydrogen peroxide in citric acid buffer at pH 3.3., Stop Solution: One vial containing 0.3 M sulfuric acid. WARNING: Avoid contact with skin, Anti-Mouse Ferritin ELISA Micro Plate: Twelve removable eight (8) well micro well strips in well holder frame. Each well is coated with affinity purified anti- Mouse Ferritin., Mouse Ferritin Calibrator: One vial containing a lyophilized Mouse Ferritin calibrator.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	12.5 to 400 ng/mL
Sensitivity	4.709
Assay Type	Two-site enzyme-linked immunoassay
Suitable Sample Type	Biological Fluid
Sample Volume	100 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification

Publications

Gabriel Rufino Estrela, Leandro Ceotto Freitas-Lima, Alexandre Budu, Adriano Cleis de Arruda, Mauro Sergio Perilhão, Ricardo Ambrósio Fock, Jonatan Barrera-Chimal, Ronaldo Carvalho Araújo, Henricus A. M. Mutsaers, Paola Pontrelli Chronic Kidney Disease Induced by Cisplatin, Folic Acid and Renal Ischemia Reperfusion Induces Anemia and Promotes GATA-2 Activation in Mice *Biomedicines* 2021-07-02 [PMID: 34356833]

Yamada N, Karasawa T, Wakiya T et al. Iron Overload as a Risk Factor for Hepatic Ischemia-Reperfusion Injury in Liver Transplantation: Potential role of ferroptosis. *Am J Transplant.* 2020-02-03 [PMID: 31909544]

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Wu J, Wang A, Wang X et al. Rapamycin improves bone mass in high-turnover osteoporosis with iron accumulation through positive effects on osteogenesis and angiogenesis. *Bone.* 2019-02-02 [PMID: 30610968]

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Fauteux-Daniel S, Viel S, Besson L et al. Deletion of Inflammasome Components Is Not Sufficient To Prevent Fatal Inflammation in Models of Familial Hemophagocytic Lymphohistiocytosis. *J Immunol* 2018-04-25 [PMID: 29695416]

Chen MJ, Chou CH, Shun CT et al. Iron suppresses ovarian granulosa cell proliferation and arrests cell cycle through regulating p38 MAPK/p53/p21 pathway. *Biol Reprod* 2017-08-28 [PMID: 29024968]

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Chansiw N, Pangjit K, Phisalaphong C et al. Effect of a novel oral active iron chelator: 1-(N-acetyl-6-aminohexyl)-3-hydroxy-2-methylpyridin-4-one (CM1) in iron-overloaded and non-overloaded mice. *Asian Pac J Trop Med.* 2014-05-13 [PMID: 25312112]





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Products Related to KA1941

210-TA-005	TNF-alpha [Unconjugated]
NB600-920-100ug	Ferritin Antibody
DY417-05	IL-10 [Biotin]
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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