Ferritin (Mouse) ELISA Kit

Catalog # KA1941 Size 1 Kit

Specification

Product Description	Ferritin (Mouse) ELISA Kit is a highly sensitive two-site enzyme-linked immunoassay for the quantitative determination of Ferritin in mouse plasma or serum.
Suitable Sample	Plasma, Serum.
Sample Volume	100 uL
Label	HRP-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	12.5 to 400 ng/mL
Reactivity	Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Publication Reference

- Time-of-day difference in iron supplementation in iron-deficient pregnant model mice.

  Nan Li, Yuhan He, Yuanyuan Lu, Kyoko Hara, Yusei Kobayashi, Tatsuhiko Kubo, Shigenobu Shibata, Hisaya Fujiwara, Yu Tahara.

  NPJ Science of Food 2026 Apr; 0:0.

  Application: ELISA, Quant, Mice, Fetal homogenates, maternal serum, placental

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Abnormal Ferroptosis in Myelodysplastic Syndrome.

  Qi Lv, Haiyue Niu, Lanzhu Yue, Jiaxi Liu, Liyan Yang, ChunYan Liu, Huijuan Jiang, Shuwen Dong, Zonghong Shao, Limin Xing, Huaquan Wang

  Front Oncol 2020 Sep; 10:1656.

- Iron Overload as a Risk Factor for Hepatic Ischemia-Reperfusion Injury in Liver Transplantation: Potential role of ferroptosis.

  Yamada N, Karasawa T, Wakiya T, Sadatomo A, Ito H, Kamata R, Watanabe S, Komada T, Kimura H, Sanada Y, Sakuma Y, Mizuta K, Ohno N, Sata N, Takahashi M.

  American Journal of Transplantation 2020 Jun; 20(6):1606.

  Application: Quant, Mouse, Mouse serum

- Ferritin regulates organismal energy balance and thermogenesis.

  Blankenhaus B, Braza F, Martins R, Bastos-Amador P, González-García I, Carlos AR, Mahu I, Faisca P, Nunes JM, Ventura P, Hoerr V, Weis S, Guerra J, Cardoso S, Domingos A, López M, Soares MP.

  Molecular Metabolism 2019 Jun; 24:64.

  Application: Quant, Mouse, Mouse plasma

- Rapamycin improves bone mass in high-turnover osteoporosis with iron accumulation through positive effects on osteogenesis and angiogenesis.

  Wu J, Wang A, Wang X, Li G, Jia P, Shen G, Chen B, Yuan Y, Zhang H, Yang F, Xu Y.

  Bone 2019 Jan; 121:16.

  Application: Quant, Mouse , Mouse serum

- Hematobiochemical Disturbances and Oxidative Stress After Subacute Manganese Chloride Exposure and Potential Protective Effects of Ebselen in Rats.

  Ismail HTH.

  Biological Trace Element Research 2018 Jun; [Epub].

  Application: ELISA, Rat, Serum

- Deletion of Inflammasome Components Is Not Sufficient To Prevent Fatal Inflammation in Models of Familial Hemophagocytic Lymphohistiocytosis.

  Fauteux-Daniel S, Viel S, Besson L, Zhang J, Marotel M, Mathieu AL, Pescarmona R, Charrier E, Henry T, Belot A, Walzer T.

  The Journal of Immunology 2018 Jun; 200(11):3769.

  Application: ELISA, Mouse, Serum

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Iron suppresses ovarian granulosa cell proliferation and arrests cell cycle through regulating p38 MAPK/p53/p21 pathway.

  Chen MJ, Chou CH, Shun CT, Mao TL, Wen WF, Chen CD, Chen SU, Yang YS, Ho HN.

  Biology of Reproduction 2017 Sep; 97(3):438.

  Application: Quant, Mouse, Mouse granulosa cells

- Iron-Restricted Diet Affects Brain Ferritin Levels, Dopamine Metabolism and Cellular Prion Protein in a Region-Specific Manner.

  Jessica M V Pino, Marcio H M da Luz, Hanna K M Antunes, Sara Q de Campos Giampa, Vilma R Martins, Kil S Lee

  Front Mol Neurosci 2017 Jun; 10:145.

- High levels of iron supplementation prevents neural tube defects in the Fpn1ffe mouse model.

  Stokes BA, Sabatino JA, Zohn IE.

  Birth Defects Research. Part A, Clinical and Molecular Teratology 2017 Jan; 109(2):81.

  Application: Quant, Mouse, Mouse serum

- Prevention of neural tube defects in Lrp mutant mouse embryos by folic acid supplementation.

  Sabatino JA, Stokes BA, Zohn IE.

  Birth Defects Research. Part A, Clinical and Molecular Teratology 2017 Jan; 109(1):16.

  Application: Quant, Mouse, Mouse serum

- Iron overload increases osteoclastogenesis and aggravates the effects of ovariectomy on bone mass.

  Wang Xiao, Fei Beibei, Shen Guangsi, Jiang Yu, Zhang Wen, Huang Xi, Xu Youjia

  J Endocrinol 2015 9; 226(3):121-34.

- Quilamine HQ1-44, an iron chelator vectorized toward tumor cells by the polyamine transport system, inhibits HCT116 tumor growth without adverse effect.

  Renaud S, Corcé V, Cannie I, Ropert M, Lepage S, Loréal O, Deniaud D, Gaboriau F.

  Biochemical Pharmacology 2015 Aug; 96(3):179.

  Application: Quant, Mouse, Mouse plasma

- 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.

  Chansiw N, Pangjit K, Phisalaphong C, Porter JB, Evans P, Fucharoen S, Srichairatanakool S.

  Asian Pacific Journal of Tropical Medicine 2014 Sep; 7S1:S155.

  Application: ELISA, Mouse, Plasma

Copyright © 2023 Abnova Corporation. All Rights Reserved.