

Product Datasheet

Iron Assay Kit (Colorimetric)

KA0814

Unit Size: 1 Kit

Store at -20C.

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KA0814**Iron Assay 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 -20C.

Product Description

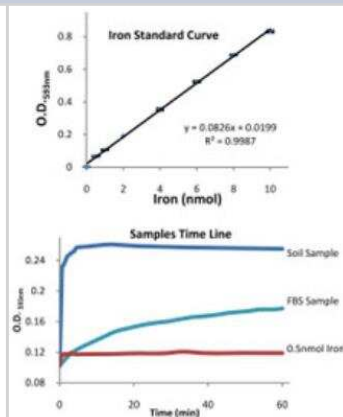
Description	Quality control test: Standard curve Iron Assay Kit is used for measuring ferrous and/or ferric ion in samples.
Species	Mouse, Fish, Mammal, Yeast
Kit Components	Iron Assay Buffer, Iron Probe, Iron Reducer, Iron Standard (100 mM)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	8 to 400 uM
Sensitivity	160 uM
Assay Type	Colorimetric
Suitable Sample Type	Biological Fluid, Cell Lysate, Culture Medium, Serum, Tissue Lysate, Urine
Sample Volume	1-50 uL

Product Application Details

Applications	Functional, Quantification
Recommended Dilutions	Functional, Quantification

Images

Iron Assay Kit (Colorimetric) [KA0814] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Publications**

Lage SL, Amaral EP, Hilligan KL et al. Persistent Oxidative Stress and Inflammasome Activation in CD14highCD16-Monocytes From COVID-19 Patients *Frontiers in immunology* 2022-01-14 [PMID: 35095880]

Basu S, Jalodia K, Ranjan S et al. Small molecule inhibitors of NFkB reverse iron overload and hepcidin deregulation in a zebrafish model for Hereditary Hemochromatosis Type 3. *ACS Chem Biol* 2018-06-28 [PMID: 29897731]

Jain N, Cordero RJ, Casadevall A, Fries BC. Allergen1 regulates polysaccharide structure in *Cryptococcus neoformans*. *Mol Microbiol.* 2013-04-09 [PMID: 23565821]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

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

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