

Product Datasheet

Rat Transferrin ELISA Kit (Colorimetric) KA1847

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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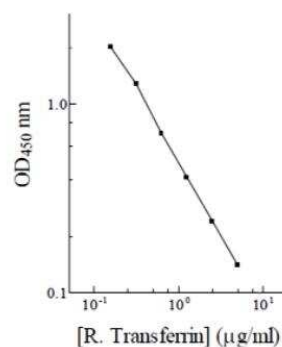


KA1847**Rat Transferrin ELISA Kit (Colorimetric)**

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	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	Tf (Rat) ELISA Kit is a competitive enzyme immunoassay for the quantitative measurement of rat Tf.
Gene ID	7018
Gene Symbol	TF
Species	Rat
Kit Components	Rat Transferrin Microplate: A 96-well polystyrene microplate (12 strips of 8 wells) coated with a polyclonal antibody against rat Transferrin., Sealing Tapes: pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay., Rat Transferrin Standard: Rat Transferrin in a buffered protein base, lyophilized., Biotinylated Transferrin: lyophilized., MIX Diluent Concentrate (10x): A 10-fold concentrated buffered protein base., Wash Buffer Concentrate (20x): A 20-fold concentrated buffered surfactant., Streptavidin-Peroxidase Conjugate (SP Conjugate): A 100-fold concentrate., Chromogen Substrate: A ready-to-use stabilized peroxidase chromogen substrate tetramethylbenzidine., Stop Solution: A 0.5 N hydroxychloric acid to stop the chromogen substrate reaction.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0.156 to 5 ug/mL
Sensitivity	0.1 ug/mL
Inter Assay	CV% < 7%
Intra Assay	CV% < 4.5%
Assay Type	Competitive ELISA
Spiking Recovery	95%
Suitable Sample Type	Plasma, Serum
Sample Volume	25 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification

Images

ELISA: Rat Transferrin ELISA Kit (Colorimetric) [KA1847] - These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



Publications

Afshan A, Tasleem A, Najma S et al. Mechanistic study of regulation of iron homeostasis by *N. sativa* seeds and *P. ovata* husks on high fat/high sucrose diet induced non-alcoholic fatty liver disease *Mol Biol Rep.* 2022-06-15 [PMID: 35705770]

DeGregorio-Rocasolano N, Marti-Sistac O, Ponce J et al. Iron-loaded transferrin (Tf) is detrimental whereas iron-free Tf confers protection against brain ischemia by modifying blood Tf saturation and subsequent neuronal damage. *Redox Biol* 2017-12-02 [PMID: 29248829]



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Products Related to KA1847

NBP1-97069	Transferrin Native Protein
236-EG-200	EGF [Unconjugated]
NB500-418	Transferrin Antibody (HTF-14) - BSA Free
210-TA-005	TNF-alpha [Unconjugated]

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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