

Rat EF-hand domain-containing protein D2 ELISA Kit | Efhd2 elisa kit

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CATALOG #
AAA56229

REACTIVITY
Rat

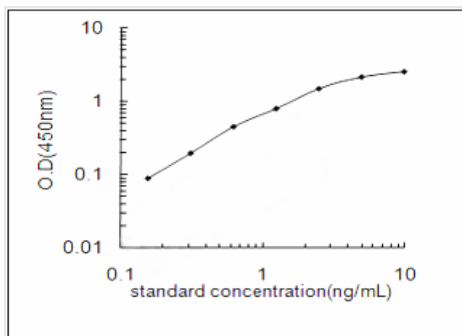
PRODUCT SYNONYMS

EF-hand domain-containing protein D2; Rat EF-hand domain-containing protein D2 ELISA Kit; Efhd2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat EF-hand domain-containing protein D2. No significant cross-reactivity or interference was observed.
Sequence Length	240
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.081 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=8.6%
Recovery	108%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Efhd2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EF-hand domain-containing protein D2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for EF-hand domain-containing protein D2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain EF-hand domain-containing protein D2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of EF-hand domain-containing protein D2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	72255531
NCBI GeneID	298609
NCBI Accession #	NP_001026818.1
NCBI GenBank Nucleotide #	NM_001031648.1
UniProt Accession #	Q4FZY0
Molecular Weight	26,759 Da
NCBI Official Full Name	EF-hand domain-containing protein D2
NCBI Official Synonym Full Names	EF-hand domain family, member D2
NCBI Official Symbol	Efhd2
NCBI Protein Information	EF-hand domain-containing protein D2
UniProt Protein Name	EF-hand domain-containing protein D2
UniProt Gene Name	Efhd2
UniProt Synonym Gene Names	Sws1
UniProt Entry Name	EFHD2_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/efhd2-rat-elisa-kits/ef-hand-domain-containing-protein-d2/56229>