

Rat Natural resistance-associated macrophage protein 2 ELISA Kit | Slc11a2 elisa kit

Rat Natural resistance-associated macrophage protein 2 ELISA Kit

CATALOG # AAA56330	REACTIVITY Rat
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PRODUCT SYNONYMS

Natural resistance-associated macrophage protein 2; Rat Natural resistance-associated macrophage protein 2 ELISA Kit; Slc11a2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat NRAMP 2. No significant cross-reactivity or interference was observed.
Sequence Length	568
Assay Type	Sandwich
Detection Range	15.6-1000 pg/mL
Sensitivity	7.9 pg/mL
Intra-Assay CV	<=5.2%
Inter-Assay CV	<=8.7%
Recovery	106%
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 Slc11a2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NRAMP 2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for NRAMP 2 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 NRAMP 2, 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 NRAMP 2 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 #	399220350
NCBI GeneID	25715

NCBI Accession #	NP_037305.2
NCBI GenBank Nucleotide #	NM_013173.2
UniProt Accession #	O54902 ; O35172
Molecular Weight	61,310 Da
NCBI Official Full Name	natural resistance-associated macrophage protein 2
NCBI Official Synonym Full Names	solute carrier family 11 member 2
NCBI Official Symbol	Slc11a2
NCBI Official Synonym Symbols	Dmt1; Nramp2
NCBI Protein Information	natural resistance-associated macrophage protein 2
UniProt Protein Name	Natural resistance-associated macrophage protein 2
UniProt Gene Name	Slc11a2
UniProt Synonym Gene Names	Dct1; Dmt1; Nramp2; NRAMP 2; DMT-1
UniProt Entry Name	NRAM2_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/slc11a2-rat-elisa-kits/natural-resistance-associated-macrophage-protein-2/56330>