

Mouse Ddr2 (Discoidin domain-containing receptor 2) ELISA Kit | Ddr2 elisa kit

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CATALOG #
AAA250348

REACTIVITY
Mouse

PRODUCT SYNONYMS

Ddr2 (Discoidin domain-containing receptor 2); Mouse Ddr2 (Discoidin domain-containing receptor 2) ELISA Kit; Discoidin domain-containing receptor 2; Discoidin domain receptor 2; CD167 antigen-like family member B; Neurotrophic tyrosine kinase; receptor-related 3; Receptor protein-tyrosine kinase TKT; Tyrosine-protein kinase TYRO10; CD167b; Ntrkr3; Tkt; Tyro10; Ddr2; Ddr2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Ddr2. No significant cross-reactivity or interference between Ddr2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Ddr2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158508514
NCBI GeneID	18214
NCBI Accession #	NP_072075.2
NCBI GenBank Nucleotide #	NM_022563.2
UniProt Accession #	Q62371; B2RSD7
Molecular Weight	96,482 Da

NCBI Official Full Name	discoidin domain-containing receptor 2
NCBI Official Synonym Full Names	discoidin domain receptor family, member 2
NCBI Official Symbol	Ddr2
NCBI Official Synonym Symbols	Ntrkr3; tyro10; AW495251
NCBI Protein Information	discoidin domain-containing receptor 2
UniProt Protein Name	Discoidin domain-containing receptor 2
UniProt Gene Name	Ddr2
UniProt Synonym Gene Names	Ntrkr3; Tkt; Tyro10; Discoidin domain receptor 2
UniProt Entry Name	DDR2_MOUSE

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://www.aaabiotech.com/mouse-elisa-kits/ddr2-discoidin-domain-containing-receptor-2/250348>