

Human Discoidin domain-containing receptor 2 ELISA Kit | DDR2 elisa kit

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CATALOG #
AAA98907

REACTIVITY
Human

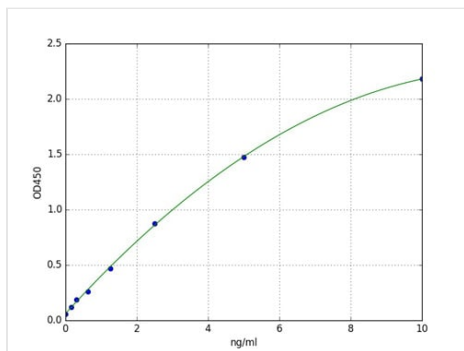
PRODUCT SYNONYMS

Discoidin domain-containing receptor 2; Human Discoidin domain-containing receptor 2 ELISA Kit; DDR2/Discoidin domain-containing receptor 2/Discoidin domain receptor 2/Tyrosine-protein kinase TYRO10/Receptor protein-tyrosine kinase TKT/Neurotrophic tyrosine kinase; receptor-related 3/CD167 antigen-like family member B/Discoidin domain-containing receptor tyrosine kinase 2/NTRKR3/TKT/TYRO10/Trk3/CD167b antigen; DDR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	855
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human DDR2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.035	0.145	0.268	0.358	0.773	1.243	1.912	2.389

Standard Curve (Sample)

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. Anti-Human DDR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human DDR2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human DDR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human DDR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62420886
NCBI GeneID	4921
NCBI Accession #	NP_001014796.1
NCBI GenBank Nucleotide #	NM_001014796.1
Molecular Weight	96,736 Da
NCBI Official Full Name	discoidin domain-containing receptor 2
NCBI Official Synonym Full Names	discoidin domain receptor tyrosine kinase 2
NCBI Official Symbol	DDR2
NCBI Official Synonym Symbols	TKT; MIG20a; NTRKR3; TYRO10
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_HUMAN

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/ddr2-human-elisa-kits/discoidin-domain-containing-receptor-2/98907>