

Human ROS1 (Proto-oncogene tyrosine-protein kinase ROS) ELISA Kit | ROS1 elisa kit

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CATALOG #
AAA249670

REACTIVITY
Human

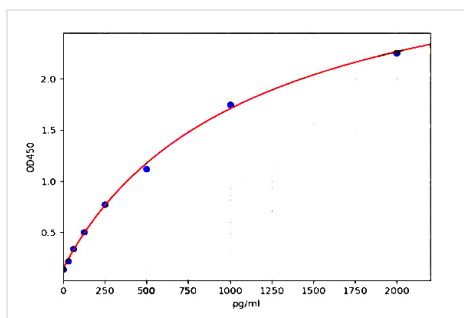
PRODUCT SYNONYMS

ROS1 (Proto-oncogene tyrosine-protein kinase ROS); Human ROS1 (Proto-oncogene tyrosine-protein kinase ROS) ELISA Kit; Proto-oncogene tyrosine-protein kinase ROS; Proto-oncogene c-Ros; Proto-oncogene c-Ros-1; Receptor tyrosine kinase c-ros oncogene 1; c-Ros receptor tyrosine kinase; MCF3; ROS; ROS1; ROS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ROS1. No significant cross-reactivity or interference between ROS1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ROS1 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 #	19924165
NCBI GeneID	6098
NCBI Accession #	NP_002935.2
NCBI GenBank Nucleotide #	NM_002944.2
UniProt Accession #	P08922; Q15368; Q5TDB5
Molecular Weight	263,915 Da
NCBI Official Full Name	proto-oncogene tyrosine-protein kinase ROS
NCBI Official Synonym Full Names	ROS proto-oncogene 1, receptor tyrosine kinase
NCBI Official Symbol	ROS1
NCBI Official Synonym Symbols	ROS; MCF3; c-ros-1
NCBI Protein Information	proto-oncogene tyrosine-protein kinase ROS
UniProt Protein Name	Proto-oncogene tyrosine-protein kinase ROS
UniProt Gene Name	ROS1
UniProt Synonym Gene Names	MCF3; ROS
UniProt Entry Name	ROS1_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/human-elisa-kits/ros1-proto-oncogene-tyrosine-protein-kinase-ros/249670>