

Rat ROS1 (C-Ros Oncogene 1, Receptor Tyrosine Kinase) ELISA Kit | ROS1 elisa kit

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CATALOG #
AAA275120

REACTIVITY
Rat

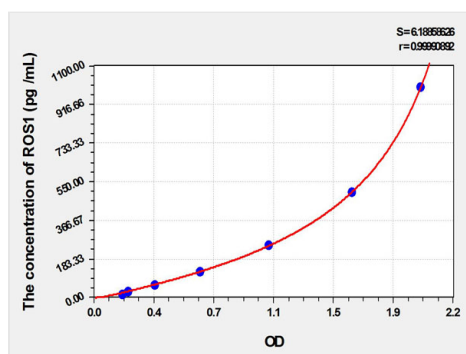
PRODUCT SYNONYMS

ROS1 (C-Ros Oncogene 1; Receptor Tyrosine Kinase); Rat ROS1 (C-Ros Oncogene 1; Receptor Tyrosine Kinase) ELISA Kit; MCF3; ROS; c-Ros-1; v-Ros Avian UR2 Sarcoma Virus Oncogene Homolog 1; Proto-oncogene tyrosine-protein kinase ROS; Receptor tyrosine kinase c-ros oncogene 1; ROS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat ROS1. No significant cross-reactivity or interference between Rat ROS1 and analogues was observed.
Assay Type	Sandwich
Detection Range	15.63-1000 pg/mL
Sensitivity	6.6 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ROS1 elisa kit	Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to C-Ros Oncogene 1, Receptor Tyrosine Kinase(ROS1). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to C-Ros Oncogene 1, Receptor Tyrosine Kinase(ROS1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain C-Ros Oncogene 1, Receptor Tyrosine Kinase(ROS1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of C-Ros Oncogene 1, Receptor Tyrosine Kinase(ROS1) in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for ROS1 elisa kit	Tumor immunity

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/rat-elisa-kits/ros1-c-ros-oncogene-1-receptor-tyrosine-kinase/275120>