

Mouse R-spondin family, member 4 ELISA Kit | RSPO4 elisa kit

Mouse R-spondin-4, RSPO4 ELISA Kit

CATALOG #
AAA112239

REACTIVITY
Mouse

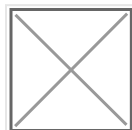
PRODUCT SYNONYMS

R-spondin family; member 4; Mouse R-spondin-4; RSPO4 ELISA Kit; Mouse R-spondin-4 (RSPO4) ELISA kit; RP5-824F16.1; C20orf182; CRISTIN4; FLJ16018; roof plate-specific spondin-4; RSPO4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse RSPO4. No significant cross-reactivity or interference between mouse RSPO4 and analogues was observed.
Sequence Length	228
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	34.4 pg/ml -2200 pg/ml.
Sensitivity	8.6 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.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSPO4 elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RSPO4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RSPO4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RSPO4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of RSPO4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	100817773
NCBI GeneID	228770
NCBI Accession #	NP_001035779.1
NCBI GenBank Nucleotide #	NM_001040689.1
UniProt Accession #	Q8BJ73
Molecular Weight	25,866 Da
NCBI Official Full Name	R-spondin-4 isoform 1
NCBI Official Synonym Full Names	R-spondin family, member 4
NCBI Official Symbol	Rspo4
NCBI Official Synonym Symbols	A730099F22; A930029K19Rik
NCBI Protein Information	R-spondin-4; cristin-4; mCristin-4; R-spondin-like protein; roof plate-specific spondin-4; cysteine-rich and single thrombospondin domain-containing protein 4
UniProt Protein Name	R-spondin-4
UniProt Gene Name	Rspo4
UniProt Synonym Gene Names	Cristin-4; mCristin-4
UniProt Entry Name	RSPO4_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://stage.aaabiotech.com/rspo4-mouse-elisa-kits/r-spondin-family-member-4/112239>