

Mouse R-spondin 2 homolog (Xenopus laevis) ELISA Kit | RSPO2 elisa kit

Mouse R-spondin-2, RSPO2 ELISA Kit

CATALOG #
AAA112440

REACTIVITY
Mouse

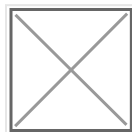
PRODUCT SYNONYMS

R-spondin 2 homolog (Xenopus laevis); Mouse R-spondin-2; RSPO2 ELISA Kit; Mouse R-spondin-2 (RSPO2) ELISA kit; CRISTIN2; MGC35555; MGC43342; R-spondin family; member 2; RSPO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse RSPO2. No significant cross-reactivity or interference between mouse RSPO2 and analogues was observed.
Sequence Length	243
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	7.8 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 RSPO2 elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RSPO2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RSPO2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RSPO2 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 RSPO2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27370216
NCBI GeneID	239405
NCBI Accession #	NP_766403.1
NCBI GenBank Nucleotide #	NM_172815.3
UniProt Accession #	Q8BFU0; Q7TPX3
Molecular Weight	28,276 Da
NCBI Official Full Name	R-spondin-2
NCBI Official Synonym Full Names	R-spondin 2 homolog (Xenopus laevis)
NCBI Official Symbol	Rspo2
NCBI Official Synonym Symbols	ftls; AA673245; D430027K22; 2610028F08Rik
NCBI Protein Information	R-spondin-2; cristin-2; mCristin-2; roof plate-specific spondin-2; cysteine-rich and single thrombospondin domain-containing protein 2
UniProt Protein Name	R-spondin-2
UniProt Gene Name	Rspo2
UniProt Synonym Gene Names	Cristin-2; mCristin-2
UniProt Entry Name	RSPO2_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/rspo2-mouse-elisa-kits/r-spondin-2-homolog-xenopus-laevis/112440>