

Mouse R-Spondin-3 ELISA Kit | RSPO3 elisa kit

Mouse R-Spondin-3 PicoKine ELISA Kit

CATALOG #
AAA46696

REACTIVITY
Mouse

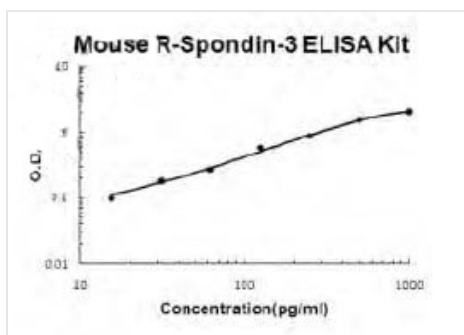
PRODUCT SYNONYMS

R-Spondin-3; Mouse R-Spondin-3 PicoKine ELISA Kit; CRISTIN1; hPWTSR; hRspo3; PWTSR; R-spondin-3; R-spondin 3 homolog; R-spondin-3 [Precursor]; THSD2; Q2TJ95; RSPO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse R-Spondin-3
Sequence Length	277
Assay Type	Quantitative Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSPO3 elisa kit	Principle of the Assay: Mouse R-Spondin-3 ELISA Kit was based on standard sandwich enzyme-linked immunosorbent assay technology. A specific for R-Spondin-3 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: Q22-H277) and test samples are added to the wells, a biotinylated detection specific for R-Spondin-3 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 Mouse R-Spondin-3 amount of sample captured in plate. Background: R-spondin-3 is a protein that in humans is encoded by the RSPO3 gene. This gene belongs to the Rspodin family. The encoded protein plays a role in the regulation of Wnt (wingless-type MMTV integration site family)/beta-catenin and Wnt/planar cell polarity (PCP) signaling pathways, which are involved in development, cell growth and disease pathogenesis. Genome-wide association studies suggest a correlation of this gene with bone mineral density and risk of fracture. This gene may be involved in tumor development.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	269973856
NCBI GeneID	72780
NCBI Accession #	NP_082627.3
NCBI GenBank Nucleotide #	NM_028351.3
UniProt Accession #	Q2TJ95; Q3SYI9; Q5R2V4; Q8BVW2; Q9CSB2; A6H6M4
Molecular Weight	31,454 Da
NCBI Official Full Name	R-spondin-3
NCBI Official Synonym Full Names	R-spondin 3
NCBI Official Symbol	Rspo3
NCBI Official Synonym Symbols	Thsd2; AW742308; Cristin1; 2810459H04Rik
NCBI Protein Information	R-spondin-3
UniProt Protein Name	R-spondin-3
UniProt Gene Name	Rspo3
UniProt Synonym Gene Names	Cristin-1
UniProt Entry Name	RSPO3_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.