

Mouse RSPO3 ELISA Kit | RSPO3 elisa kit

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CATALOG #
AAA263140

REACTIVITY
Mouse

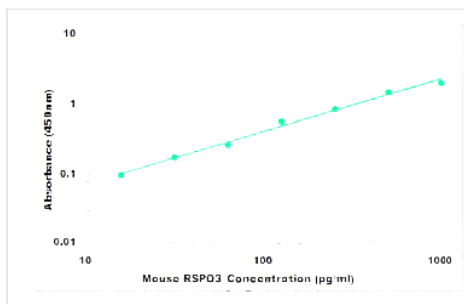
PRODUCT SYNONYMS

RSPO3; Mouse RSPO3 ELISA Kit; PWTSR; THSD2; R-spondin-3; Protein with TSP type-1 repeat; hPWTSR; Roof plate-specific spondin-3; hRspo3; Thrombospondin type-1 domain-containing protein 2; RSPO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse IL-5 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse IL-5 proteins within the range of 15.6 pg/ml-1000 pg/ml.
Sequence Length	277
Samples	Cell Culture Supernatants, Serum, Plasma, Tissue Homogenates
Sensitivity	8 pg/ml.
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSPO3 elisa kit

Principle of the Assay: The AAA Biotech's Mouse IL-5 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse IL-5 in Cell Culture Supernatants, Serum, Plasma, Tissue Homogenates. This assay employs an antibody specific for Mouse IL-5 coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-5 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse IL-5 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-5 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!
Background/Introduction: Interleukin-5 (IL-5) is also known as eosinophil differentiation factor (EDF). IL-5 is a potential candidate gene in the pathogenesis of asthma, as it is the main cytokine controlling eosinophil activity and eosinophils are pivotal in the development of airway inflammation. The predicted amino acid sequence of 134 amino acids is identical with that recently reported for human interleukin-5 but shows no significant homology with other known hemopoietic growth regulators. IL-5 is a lineage-specific hematopoietic growth factor that stimulates the production of eosinophils and eosinophil colonies from normal human bone marrow cells. IL-5 gene to human chromosome 5 at bands q23-31. Human and mouse of IL-5 share 70% amino acid sequence homology.

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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/rspo3/263140>