

Mouse Interleukin-13 Receptor Subunit Alpha-1, IL13ra1 ELISA Kit | IL13ra1 elisa kit

Mouse Interleukin-13 Receptor Subunit Alpha-1, IL13ra1 Primacu ELISA Kit

CATALOG #
AAA124341

REACTIVITY
Mouse

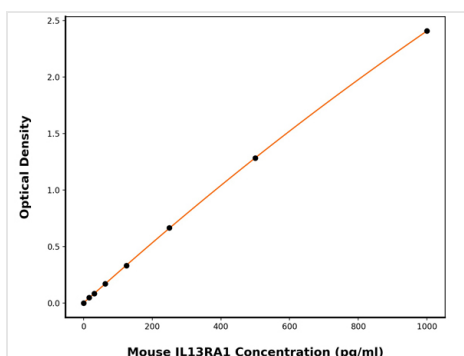
PRODUCT SYNONYMS

Interleukin-13 Receptor Subunit Alpha-1; IL13ra1; Mouse Interleukin-13 Receptor Subunit Alpha-1; IL13ra1 Primacu ELISA Kit; Interleukin-13 receptor subunit alpha-1; IL13RA1; IL13r; IL13ra; IL13ra1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	15.63-1000pg/mL
Sensitivity	2.94pg/mL
Standard Solution	10ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for IL13ra1 elisa kit

Interleukin 13 receptor, alpha 1, also known as IL13RA1/IL-13RA1 and CD213A1 (cluster of differentiation 213A1), is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. IL13RA1/IL-13RA1 serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2 and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3, and STAT6 induced by IL13 and IL4. IL13RA1/IL-13RA1 binds with low affinity to interleukin-13 (IL13). This subunit together with IL4RA can form a functional receptor for IL13. IL13RA1/IL-13RA1 also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254373
NCBI GeneID	16164
NCBI Accession #	NP_598751.3
NCBI GenBank Nucleotide #	NM_133990.4
UniProt Accession #	O09030; Q7TT27
Molecular Weight	48,402 Da
NCBI Official Full Name	interleukin-13 receptor subunit alpha-1
UniProt Protein Name	Interleukin-13 receptor subunit alpha-1
UniProt Gene Name	IL13ra1
UniProt Synonym Gene Names	IL13r; IL13ra; IL-13 receptor subunit alpha-1; IL-13R subunit alpha-1; IL-13R-alpha-1; IL-13RA1; NR4
UniProt Entry Name	I13R1_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/mouse-elisa-kits/interleukin-13-receptor-subunit-alpha-1-il13ra1/124341>