

Rat GFRA1 ELISA Kit | GFRA1 elisa kit

Rat GFRA1 PicoKine ELISA Kit

CATALOG #
AAA125278

REACTIVITY
Rat

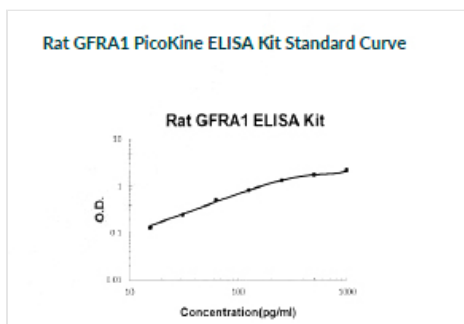
PRODUCT SYNONYMS

GFRA1; Rat GFRA1 PicoKine ELISA Kit; Rat GFRA1; GDNF family receptor alpha 1; GDNF family receptor alpha-1; GDNF receptor alpha-1; GDNFR-alpha-1; GFR-alpha-1; RET ligand 1; TGF-beta-related neurotrophic factor receptor 1; Gfra1; Gdnfra; Retl1; Trnr1; GFRA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat Gfra1
Sequence Length	468
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GFRA1 elisa kit	Principle of the Assay: The Picokine™ Rat Gfra1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Gfra1 with a 96-well strip plate that is pre-coated with antibody specific for Gfra1. The detection antibody is a biotinylated antibody specific for Gfra1. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Rat Gfra1 with immunogen: Expression system for standard: NSO, Immunogen sequence: D25-S430. The kit is analytically validated with ready to use reagents. To measure Rat Gfra1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Rat Gfra1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Rat Gfra1 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2494710
NCBI GeneID	25454
UniProt Accession #	Q62997
NCBI Official Full Name	GNDF family receptor alpha-1
NCBI Official Synonym Full Names	GNDF family receptor alpha 1
NCBI Official Symbol	Gfra1
NCBI Protein Information	GNDF family receptor alpha-1
UniProt Protein Name	GNDF family receptor alpha-1
UniProt Gene Name	Gfra1
UniProt Synonym Gene Names	Gdnfra; Retl1; Trnr1; GDNF receptor alpha-1; GDNFR-alpha-1; GFR-alpha-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/gfra1/125278>