

Human GGCT/CRF21 ELISA Kit | GGCT/CRF21 elisa kit

Human GGCT/CRF21 ELISA Kit PicoKine

CATALOG # AAA127957	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

GGCT/CRF21; Human GGCT/CRF21 ELISA Kit PicoKine; GGCT/CRF21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	62.5pg/ml-4,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	a monoclonal antibody from mouse a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: M1-L188
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for GGCT/CRF21 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)062.51252505001,0002,0004,000O.D.O.0310.0610.1190.1780.4080.6891.3482.051
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)181452841223489892Standard deviation9.5923.0549.6210.0419.0741.92CV (%)5.3%5.1%5.9%4.5%3.9%4.7%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 11811791682021838.764.8%Sample 245246944848646424.585.3%Sample 384186985188386147.365.5%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human GGCT PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for GGCT/CRF21 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for GGCT/CRF21 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	315360618
NCBI GeneID	79017
NCBI Accession #	NP_001186744.1
NCBI GenBank Nucleotide #	NM_001199815.1
UniProt Accession #	O75223; Q9BS37; B2RDN0; B8ZZN4; B8ZZR8
Molecular Weight	19,092 Da
NCBI Official Full Name	gamma-glutamylcyclotransferase isoform 2
NCBI Official Synonym Full Names	gamma-glutamylcyclotransferase
NCBI Official Symbol	GGCT
NCBI Official Synonym Symbols	GGC; GCTG; CRF21; C7orf24
NCBI Protein Information	gamma-glutamylcyclotransferase; cytochrome c-releasing factor 21; gamma -glutamyl cyclotransferase
UniProt Protein Name	Gamma-glutamylcyclotransferase
UniProt Gene Name	GGCT
UniProt Synonym Gene Names	C7orf24; CRF21
UniProt Entry Name	GGCT_HUMAN

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.