

Rat tumor necrosis factor receptor superfamily, member 11b ELISA Kit | TNFRSF11B elisa kit

Rat Osteoprotegerin, OPG ELISA Kit

CATALOG # AAA15033	REACTIVITY Rat
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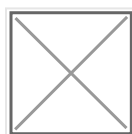
PRODUCT SYNONYMS

tumor necrosis factor receptor superfamily; member 11b; Rat Osteoprotegerin; OPG ELISA Kit; OPG ELISA KIT; MGC29565; OCIF; OPG; TR1; osteoclastogenesis inhibitory factor; osteoprotegerin; TNFRSF11B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat OPG. No significant cross-reactivity or interference between rat OPG and analogues was observed.
Sequence Length	401
Samples	Serum, plasma, tissue homogenates, cell lysatescell
Assay Type	Quantitative Sandwich
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	<31.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFRSF11B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for OPG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any OPG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for OPG is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of OPG bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981306
NCBI GeneID	25341
NCBI Accession #	NP_037002.1
NCBI GenBank Nucleotide #	NM_012870.2
UniProt Accession #	O08727
Molecular Weight	46,192 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 11B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 11b
NCBI Official Symbol	Tnfrsf11b
NCBI Official Synonym Symbols	Opg
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11B; Osteoprotegerin
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 11B
UniProt Gene Name	Tnfrsf11b
UniProt Synonym Gene Names	Opg
UniProt Entry Name	TR11B_RAT

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/tnfrsf11b-rat-elisa-kits/tumor-necrosis-factor-receptor-superfamily-member-11b/15033>