

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

Mouse Osteoprotegerin, OPG ELISA Kit

CATALOG # AAA79790	REACTIVITY Mouse
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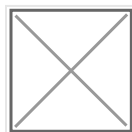
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse TNFRSF11B. No significant cross-reactivity or interference between Mouse TNFRSF11B and analogues was observed.
Sequence Length	401
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Apoptosis/Autophagy
Protein Biological Process 3	Apoptosis
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: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OPG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for OPG and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain OPG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of OPG in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113930716
NCBI GeneID	18383
NCBI Accession #	NP_032790.3
NCBI GenBank Nucleotide #	NM_008764.3
UniProt Accession #	O08712; O70202
Molecular Weight	45,923 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 11B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)
NCBI Official Symbol	Tnfrsf11b
NCBI Official Synonym Symbols	Opg; TR1; OCIF
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11B; osteoprotegerin; osteoclastogenesis inhibitory factor
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 11B
UniProt Gene Name	Tnfrsf11b
UniProt Synonym Gene Names	Ocif; Opg
UniProt Entry Name	TR11B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tnfrsf11b-mouse-elisa-kits/tumor-necrosis-factor-receptor-superfamily-member-11b/79790>