

## Mouse beta-Thromboglobulin (beta-TG) ELISA Kit | beta-TG elisa kit

Mouse beta-Thromboglobulin (beta-TG) ELISA Kit

|                              |                            |
|------------------------------|----------------------------|
| CATALOG #<br><b>AAA52995</b> | REACTIVITY<br><b>Mouse</b> |
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### PRODUCT SYNONYMS

beta-Thromboglobulin (beta-TG); Mouse beta-Thromboglobulin (beta-TG) ELISA Kit; Mouse b-Thromboglobulin (b-TG) ELISA Kit; beta-TG elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                     |
|-------------------------|-------------------------------------|
| Reactivity              | Mouse                               |
| Sequence Length         | 99                                  |
| Assay Type              | Sandwich                            |
| Detection Range         | 1000 pg/mL-15.6 pg/mL               |
| Sensitivity             | Up to 5 pg/mL                       |
| Intra-assay Precision   | <= 8%                               |
| Inter-assay Precision   | <= 12%                              |
| Preparation and Storage | Store all reagents at 2-8 degree C. |

### ADDITIONAL INFORMATION

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| Related Product Information for beta-TG elisa kit | Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse beta-TG monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">179580</a>                                               |
| NCBI GeneID                      | <a href="#">3576</a>                                                 |
| Molecular Weight                 | 11,338 Da                                                            |
| NCBI Official Full Name          | beta-thromboglobulin-like protein                                    |
| NCBI Official Synonym Full Names | chemokine (C-X-C motif) ligand 8                                     |
| NCBI Official Symbol             | CXCL8                                                                |
| NCBI Official Synonym Symbols    | IL8; NAF; GCP1; LECT; LUCT; NAP1; GCP-1; LYNAIP; MDNCF; MONAP; NAP-1 |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI Protein Information</b>   | interleukin-8; emoctakin; interleukin 8; T-cell chemotactic factor; neutrophil-activating peptide 1; beta-thromboglobulin-like protein; granulocyte chemotactic protein 1; tumor necrosis factor-induced gene 1; alveolar macrophage chemotactic factor I; monocyte-derived neutrophil chemotactic factor; monocyte-derived neutrophil-activating peptide; small inducible cytokine subfamily B, member 8; lymphocyte derived neutrophil activating peptide; lung giant cell carcinoma-derived chemotactic protein; beta endothelial cell-derived neutrophil activating peptide |
| <b>UniProt Protein Name</b>       | Interleukin-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt Gene Name</b>          | <b>CXCL8</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt Synonym Gene Names</b> | IL8; IL-8; GCP-1; MDNCF; MONAP; NAP-1; LYNAP; NAF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt Entry Name</b>         | IL8_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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/beta-thromboglobulin-beta-tg/52995>