

Mouse Cystatin C ELISA Kit (2 plates)

Catalogue No.: BEK-2190-2P

Description: The mouse Cystatin C Kit is a sandwich ELISA. The capture antibody is a polyclonal mouse Cystatin C antibody pre-coated onto the 96-well strip plates provided in the kit. Test samples and standards of known Cystatin C concentration are added to these wells and allowed to complex with the bound Cystatin C antibody. A biotinylated mouse polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of Cystatin C present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse Cystatin C in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

Batch No.: See product labels

Other Names: Cystatin-C; Cystatin-3; Cst3;

Accession: P21460 CYTC_MOUSE;

Specificity: Cystatin C

Storage: Store at 4°C

Kit components: The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.

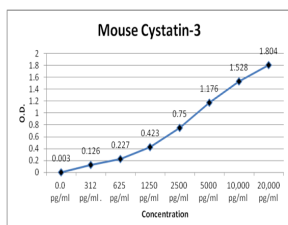
Range: .312 ng/ml - 20 ng/ml

Sensitivity: < 10 pg/ml

Kit protocol: Please refer to our online product listing for current protocol/MSDS versions.

| Concentration pg/ml | 0.0 pg/ml | 312 pg/ml | 625 pg/ml | 1250 pg/ml | 2500 pg/ml | 5000 pg/ml | 10,000 pg/ml | 20,000 pg/ml |
|------------------------|-----------|-----------|-----------|------------|------------|------------|--------------|--------------|
| O.D. | 0.003 | 0.126 | 0.227 | 0.423 | 0.750 | 1.176 | 1.528 | 1.804 |

This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.



FOR RESEARCH USE ONLY