

Human Cystatin C ELISA Kit (2 plates)

Catalogue No.: BEK-2145-2P

Description: The human Cystatin C Kit is a sandwich ELISA. The capture antibody is a polyclonal human Cystatin C antibody pre-coated onto the 96-well strip plates provided in the kit. Human 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 human Cystatin C 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 human 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; Gamma-trace; Neuroendocrine basic polypeptide; Post-gamma-globulin; CST3;

Accession: P01034 CYTC_HUMAN;

Specificity: Human Cystatin C

Storage: Store at 4°C

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

Range: 0.312 ng/ml - 20 ng/ml

Sensitivity: < 10 pg/ml

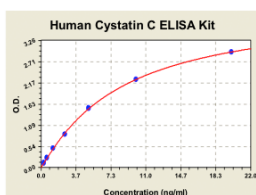
Kit protocol: Please refer to our online product listing for current protocol/MSDS versions.

Typical Human Cystatin C ELISA Kit Standard Curve

(TMB reaction incubate at 37°C for 18 min)

Concentration	0.0ng/ml	0.312ng/ml	0.625ng/ml	1.25ng/ml	2.5ng/ml	5ng/ml	10ng/ml	20ng/ml
O.D.	0.003	0.126	0.257	0.493	0.854	1.532	2.256	2.962

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



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