

Human BMP6 ELISA Kit

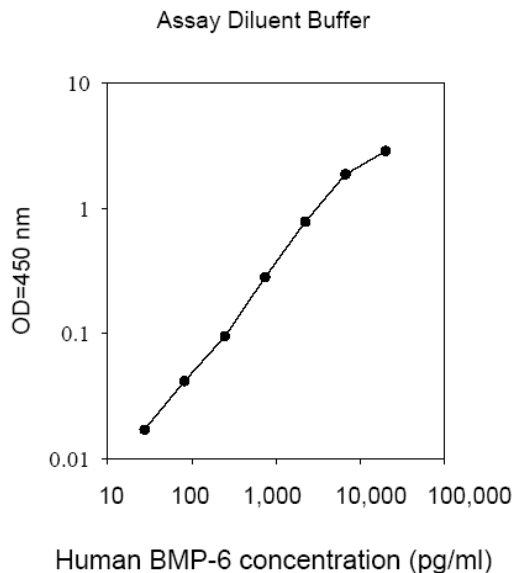
Catalog No. CKH126

Quantity: 1 x 96 tests

Description This assay employs an antibody specific for human BMP6 coated on a 96-well plate. Standards and samples are pipetted into the wells and BMP6 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human BMP6 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of BMP6 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Application The Cell Sciences Human BMP6 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an *in vitro* enzyme-linked immunosorbent assay for the quantitative measurement of human BMP6 in serum, plasma, cell culture supernatants and urine.

Typical Data



Sensitivity The minimum detectable dose of BMP6 is typically less than 80 pg/ml.

Recovery Determined by spiking various levels of human BMP4 into human serum, plasma, and cell culture media. Mean recoveries are as follows:

Sample Type	Average % Recovery	Range (%)
Serum	96.53	85-104
Plasma	94.69	84-103
Cell culture media	93.88	84-107



Linearity

Sample Type		Serum	Plasma	Cell culture media
1:2	Avg. % of Expected Range (%)	94 85-104	93 84-106	96 87-105
1:4	Avg. % of Expected Range (%)	95 86-106	94 85-105	94 84-107
1:8	Avg. % of Expected Range (%)	96 89-105	97 90-106	95 86-106

Reproducibility Intra-Assay: CV < 10%
Inter-Assay: CV < 12%

Storage and Stability

- Product can be stored for up to 5 months from date of receipt at 2-4°C.
- Standard (recombinant protein) should be stored at -20°C or -80°C after reconstitution.
- Opened Microplate Wells and reagents can be stored for up to one month at 2-4°C.

NOT FOR HUMAN USE. FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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