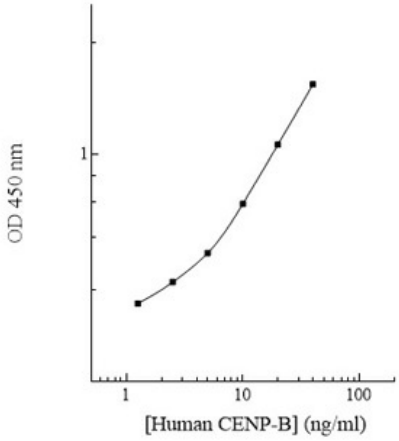
# CENPB (Human) ELISA Kit

Catalog # KA6113 Size 1 Kit

## Applications




The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

| | |
|---|---|
| **Product Description** | CENPB (Human) ELISA Kit is a competitive enzyme-linked immunosorbent assay for quantitative measurement of human CENPB in cell culture and cell lysate. |
| **Suitable Sample** | cell culture and cell lysate |
| **Sample Volume** | 50 uL |
| **Label** | Peroxidase-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 0.625 to 40 ng/mL |
| **Reactivity** | Human |
| **Regulatory Status** | For research use only (RUO) |
| **Quality Control Testing** | Standard curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |

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| | |
|---|---|
| **Storage Instruction** | Store components of the kit at 4°C or -20°C as described in the protocol. |

## Applications

- Quantification

## Gene Info — CENPB

| | |
|---|---|
| **Entrez GeneID** | 1059 |
| **Protein Accession#** | P07199 |
| **Gene Name** | CENPB |
| **Gene Alias** | - |
| **Gene Description** | centromere protein B, 80kDa |
| **Omim ID** | 117140 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene product is a highly conserved protein that facilitates centromere formation. It is a DNA-binding protein that is derived from transposases of the pogo DNA transposon family. It contains a helix-loop-helix DNA binding motif at the N-terminus, and a dimerization domain at the C-termin us. The DNA binding domain recognizes and binds a 17-bp sequence (CENP-B box) in the centr omeric alpha satellite DNA. This protein is proposed to play an important role in the assembly of s pecific centromere structures in interphase nuclei and on mitotic chromosomes. It is also consider ed a major centromere autoantigen recognized by sera from patients with anti-centromere antibo dies. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000030132\|centromere autoantigen B\|centromere protein B\|centromere protein B ( 80kD) |

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