

Datasheet for ABIN6720355  
**IGFBP7 ELISA Kit**

## 1 Image

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## Overview

Quantity:	1 kit
Target:	IGFBP7
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	625 pg/mL - 40000 pg/mL
Minimum Detection Limit:	625 pg/mL
Application:	ELISA

## Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: AGM, Angiomodulin, FSTL2, IBP-7, IBP7, IBP7_HUMAN, IGF binding protein 7, IGF-binding protein 7, IGFBP rP1, IGFBP-7, IGFBP-rP1, IGFBP7, IGFBPRP1, Insulin like growth factor binding protein 7, Insulin-like growth factor-binding protein 7, MAC25, MAC25 protein, PGI2 stimulating factor, PGI2-stimulating factor, Prostacyclin stimulating factor, Prostacyclin-stimulating factor, PSF, RAMSVPS, TAF, Tumor-derived adhesion factor</p> <p>Background: Insulin-like growth factor-binding protein 7 is a protein that in humans is encoded by the IGFBP7 gene. The gene was mapped to chromosome 4q12. The major function of the protein is the regulation of availability of insulin-like growth factors(IGFs) in tissue as well as in</p>

## Product Details

modulating IGF binding to its receptors. IGFBP7 binds to IGF with high affinity. It also stimulates cell adhesion. The protein is implicated in some cancers.

Gene Name: IGFBP7

Production: Natural and recombinant human IGFBP7. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: D30-L282

## Target Details

Target: IGFBP7

Alternative Name: IGFBP7 ([IGFBP7 Products](#))

Gene ID: 3490

NCBI Accession: [NP\\_001240764](#)

UniProt: [Q16270](#)

Pathways: [Growth Factor Binding](#)

## Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 40000pg/mL, 20000pg/mL, 10000pg/mL, 5000pg/mL, 2,500pg/mL, 1,250pg/mL, 625pg/mL human IGFBP7 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA) or urine to each empty well. It is recommended that each human IGFBP7 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 625pg/mL-40000pg/mL

Other Performance Data: DOE: 2-8° C - 4/1118 -20° C - 10/12/18

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

Storage: RT, 4 °C, -20 °C

Handling

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images

