

Human Fetuin A ELISA Kit

Catalog No :	KE1224
Reactivity :	Human
Applications :	ELISA
Gene Name :	AHSG
Protein Name :	Alpha-2-HS-glycoprotein
Human Gene Id :	197
Human Swiss Prot No :	P02765
Mouse Swiss Prot No :	P29699
Specificity :	Sample Type for Cell Culture Supernates, Cell lysates, Tissue Lysates, Serum, EDTA Plasma, Heparin Plasma
Storage Stability :	2-8°C/6 months
Detection Method :	Colorimetric
Background :	<p>function:Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows affinity for calcium and barium ions.,polymorphism:There are two common alleles, AHSG*1 and AHSG*2. AHSG*1 has Thr-248/Thr-256; AHSG*2 has Met-248/Ser-256.,similarity:Belongs to the fetuin family.,similarity:Contains 2 cystatin domains.,subunit:Alpha-2-HS glycoprotein derives from this precursor, when the connecting peptide is cleaved off. The two chains A and B are held together by a single disulfide bond.,tissue specificity:Synthesized in liver and selectively concentrated in bone matrix. Secrete din plasma. It is also found in dentin in much higher quantities than other plasma proteins.,</p>
Function :	<p>skeletal system development, ossification, acute inflammatory response, reproductive developmental process,endocytosis, pinocytosis, defense response, acute-phase response, inflammatory response, sex differentiation, gonad development, male gonad development, response to wounding, response to endogenous stimulus, response to hormone stimulus, negative regulation of signal transduction, response to organic</p>

substance, membrane invagination, negative regulation of cell communication, membrane organization, vesicle-mediated transport, telencephalon development, pallium development, cerebral cortex development, regulation of endocytosis, regulation of ossification, negative regulation of ossification, regulation of bone mineralization, negative regulation of bone mineralization, forebrain development, regulation of response to external stimulus, regulation of homeostatic process, positive regula

Subcellular

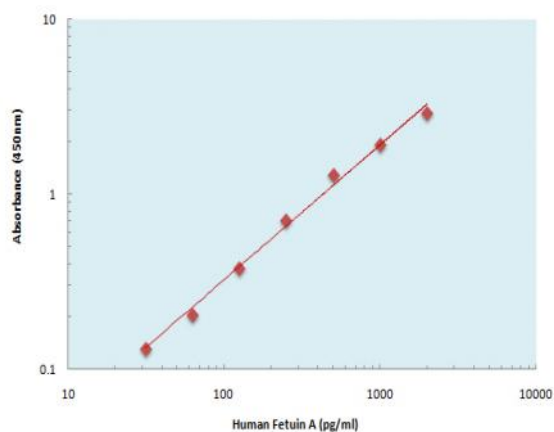
Location :

Expression :

Secreted.

Synthesized in liver and selectively concentrated in bone matrix. Secreted in plasma. It is also found in dentin in much higher quantities than other plasma proteins.

Products Images



The Human Fetuin A ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Fetuin A proteins within the range of 32-2000 pg/ml.