

ARG82442 Human CBG / SerpinA6 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82442-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82442-002	Standard	2 X 100 ng/vial	4°C
ARG82442-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82442-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82442-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82442-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82442-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82442-008	25X Wash buffer	20 ml	4°C
ARG82442-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82442-010	STOP solution	10 ml (Ready to use)	4°C
ARG82442-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82442 Human CBG / SerpinA6 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CBG / SerpinA6 in serum, plasma (EDTA, heparin), cell culture supernatants and urine.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CBG / SerpinA6
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.78 ng/ml
Sample Type	Serum, plasma (EDTA, heparin), cell culture supernatants and urine.
Standard Range	1.56 - 100 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.1% Inter-Assay CV: 6.3%

Alternate Names Serpin A6; Corticosteroid-binding globulin; CBG; Transcortin

Application Instructions

Assay Time ~ 5 hours

Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol SERPINA6

Gene Full Name serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6

Background This gene encodes an alpha-globulin protein with corticosteroid-binding properties. This is the major transport protein for glucocorticoids and progestins in the blood of most vertebrates. The gene localizes to a chromosomal region containing several closely related serine protease inhibitors which may have evolved by duplication events. [provided by RefSeq, Jul 2008]

Function Major transport protein for glucocorticoids and progestins in the blood of almost all vertebrate species. [UniProt]

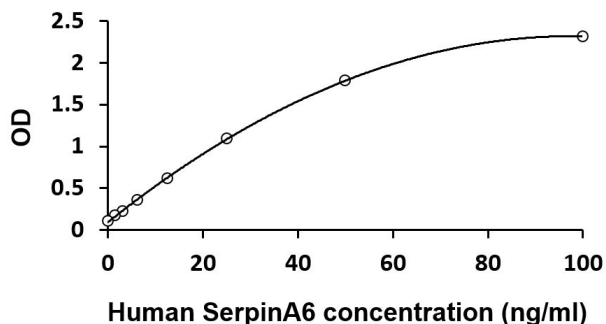
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New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

PTM N-glycosylated; binds 5 oligosaccharide chains.

Glycosylation in position Asn-260 is needed for steroid binding. [UniProt]

Cellular Localization Secreted. [UniProt]

Images



ARG82442 Human CBG / SerpinA6 ELISA Kit standard curve image

ARG82442 Human CBG / SerpinA6 ELISA Kit results of a typical standard run with optical density reading at 450 nm.