

ARG82723 Human Chymotrypsin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82723-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82723-002	Standard	2 X 10 ng/vial	4°C
ARG82723-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82723-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82723-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82723-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82723-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82723-008	25X Wash buffer	20 ml	4°C
ARG82723-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82723-010	STOP solution	10 ml (Ready to use)	4°C
ARG82723-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82723 Human Chymotrypsin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Chymotrypsin in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Chymotrypsin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	20 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.6% Inter-Assay CV: 6.9%

Alternate Names ELA4; Chymotrypsin-C; CLCR; Caldecrin; EC 3.4.21.2

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 CTRC

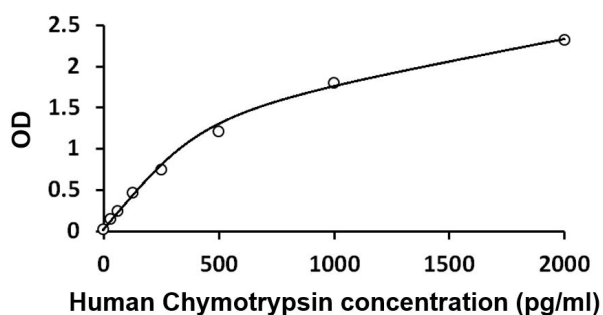
Gene Full Name chymotrypsin C (caldecrin)

Background This gene encodes a member of the peptidase S1 family. The encoded protein is a serum calcium-decreasing factor that has chymotrypsin-like protease activity. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

Function Regulates activation and degradation of trypsinogens and procarboxypeptidases by targeting specific cleavage sites within their zymogen precursors. Has chymotrypsin-type protease activity and hypocalcemic activity. [UniProt]

Highlight Related products:
[Chymotrypsin antibodies](#); [Chymotrypsin ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Images



ARG82723 Human Chymotrypsin ELISA Kit standard curve image

ARG82723 Human Chymotrypsin ELISA Kit results of a typical standard run with optical density reading at 450 nm.