.-online.com antibodies

Datasheet for ABIN6719725 S100A12 ELISA Kit



Overview

Quantity:	1 kit
Target:	S100A12
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	312 pg/mL - 20000 pg/mL
Minimum Detection Limit:	312 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: CAAF1, CAGC, Calcitermin, Calcium binding protein in amniotic fluid, Calcium- binding protein in amniotic fluid 1, Calgranulin C, Calgranulin related protein, Calgranulin-C, CGRP, EN RAGE, EN-RAGE, ENRAGE, Extracellular newly identified RAGE-binding protein, migration inhibitory factor-related protein 6, MRP6, Neutrophil S100 protein, p6, Protein S100 A12, S100 calcium binding protein A12, S100 calcium-binding protein A12 (calgranulin C), S100 calcium-binding protein A12, S10AC_HUMAN Background: S100 calcium-binding protein A12 (S100A12) is a protein that in humans is encoded by the S100A12 gene. It is also known as calgranulin C. By direct R-banding FISH, the

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6719725 | 09/10/2023 | Copyright antibodies-online. All rights reserved. S100A12 gene is mapped to chromosome 1q21.2-q22. The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. And this protein is proposed to be involved in specific calcium-dependent signal transduction pathways and its regulatory effect on cytoskeletal components may modulate various neutrophil activities. Gene Name: S100A12 Production: Natural and recombinant human S100A12. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: E.coli, Immunogen sequence: M1-E92

Target Details

Target:	S100A12
Alternative Name:	S100A12 (S100A12 Products)
Gene ID:	6283
NCBI Accession:	NP_005612
UniProt:	P80511
Pathways:	Toll-Like Receptors Cascades, S100 Proteins

Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 20,000pg/mL, 10,000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL,
	625pg/mL, 312pg/mL human S100A12 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 or plasma(heparin, EDTA) to
	each empty well. It is recommended that each human S100A12 standard solution and each
	sample be measured in duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 312pg/mL-20,000pg/mL
	Other Performance Data: DOE, 2-8° C - 04/19/19 -20° C - 10/18/19
Sample Volume:	100 µL

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6719725 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Application Details	
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C