

[Go to Product page](#)

Datasheet for ABIN6720257 PLAUR ELISA Kit

Overview

Quantity:	1 kit
Target:	PLAUR
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 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:	<p>Synonyms: CD87, Monocyte activation antigen Mo3, PLAUR, U-PAR, uPAR, UPAR_HUMAN, Urokinase plasminogen activator surface receptor</p> <p>Background: The urokinase-type plasminogen activator receptor(uPAR) is a key molecule in the regulation of cell-surface plasminogen activation and, as such, plays an important role in many normal as well as pathological processes.¹ The cDNA for Mo3, an activation antigen expressed by human monocytes and myelomonocytic cell lines after stimulation by a variety of agents. Mo3 expression in vivo is associated predominantly with macrophages in inflammatory sites. It is a highly glycosylated protein of about 50 kD in monocytes where it is anchored to the plasma</p>
------------------	---

Product Details

membrane by glycosyl-phosphatidylinositol linkage. The complete coding sequence of the cDNA has been found to encode 419 amino acids including a predicted signal peptide of 22 residues and a hydrophobic C-terminal portion. Mo3 is identical to the human receptor for the urokinase plasminogen activator.² UPAR is a useful prognostic marker for biologically aggressive forms of endometrial cancer.³ PLAUR is located at chromosome 19q13.1-q13.2.¹

Gene Name: PLAUR

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

Standard: Expression system for standard: NSO, Immunogen sequence: L24-T297

Target Details

Target:	PLAUR
Alternative Name:	uPAR (PLAUR Products)
Gene ID:	18793
NCBI Accession:	NP_035243
UniProt:	P35456
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL mouse uPAR 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 mouse cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each mouse uPAR standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 62.5pg/mL-4000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
----------	------------------

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.
------------------	---