

Datasheet for ABIN6719737

Galectin 9 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	Galectin 9 (LGALS9)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	93.8 pg/mL - 6000 pg/mL
Minimum Detection Limit:	93.8 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: Ecalectin, Gal-9, Galectin-9, galectin9, HOM HD 21, HOMHD21, HUAT, Lectin galactoside binding soluble 9, LEG9_HUMAN, LGAL S9, LGALS 9, Lgals9, LGALS9A, MGC117419, MGC125973, MGC125974, Tumor antigen HOM-HD-21, Urate transporter/channel protein</p> <p>Background: Galectin-9, also called HUAT or LGALS9A is a protein that in humans is encoded by the LGALS9 gene. This gene is mapped to 17q11.2. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The protein encoded by this gene is an S-type lectin. It is overexpressed in Hodgkin's disease tissue</p>

Product Details

and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. The protein has N- and C- terminal carbohydrate-binding domains connected by a link peptide.

Gene Name: LGALS9

Production: Natural and recombinant human Galectin-9. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: M1-T355

Target Details

Target: Galectin 9 (LGALS9)

Alternative Name: Galectin-9 ([LGALS9 Products](#))

Gene ID: 3965

NCBI Accession: [NP_002299](#)

UniProt: [O00182](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 6000pg/mL, 3000pg/mL, 1500pg/mL, 750pg/mL, 419pg/mL, 187.5pg/mL, 93.7pg/mL human Galectin-9 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 Galectin-9 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 93.8pg/mL-6000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

Handling

Storage: RT, 4 °C, -20 °C

Handling

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.

Images

