

Datasheet for KOA0729**Human Galectin-3BP ELISA Kit****Overview**

Description:	Human Galectin-3BP AccuSignal ELISA Kit - KOA0729
Item No.:	KOA0729
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	62.5 pg/ml - 4000 pg/ml

Product Details

Background:	Galectin-3-binding protein is a protein that in humans is encoded by the LGALS3BP gene. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell–cell and cell–matrix interactions. Using fluorescence in–situ hybridization, the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds to galectin 1.
Synonyms:	90K, 90K MAC 2 BP, Basement membrane autoantigen p105, BTBD17B, Galectin 3 binding protein, Galectin-3-binding protein, L3 antigen, Lectin galactoside binding soluble 3 binding protein, Lectin galactoside-binding soluble 3-binding protein, LG3BP_HUMAN, LGALS3BP, M2BP, Mac 2 binding protein, Mac 2 BP, Mac-2 BP, Mac-2-binding protein, Mac2 BP, MAC2BP, Serum protein 90K, TANGO10B, Transport and golgi organization 10 homolog B, Tumor associated antigen 90K, Tumor-associated antigen 90K
Detection Kit Type:	ELISA Kit
Detection Range:	62.5 pg/ml - 4000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	LGALS3BP
Reactivity:	Human
Immunogen:	Expression system for standard: NSO; Immunogen sequence: V19-D585

Purity/Specificity: Natural and recombinant human Galectin-3BP. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:

- [SDS](#)
- [UniProtKB - Q08380](#)
- [NCBI - NP_005558.1](#)
- [GeneID - 3959](#)
- [KOA0729 Protocol](#)

Application Details

Tested Applications: ELISA

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 4000pg/ml, 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml human Galectin-3BP standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or plasma (heparin) to each empty well. It is recommended that each human Galectin-3BP standard solution and each sample be measured in duplicate.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 62.5pg/ml-4000pg/ml

Other: DOE:
2-8° C - 03/19/2025
-20° C - 09/19/2025

Formulation

Concentration: 1 Kit

Anticoagulant: Heparin Sodium

Shipping & Handling

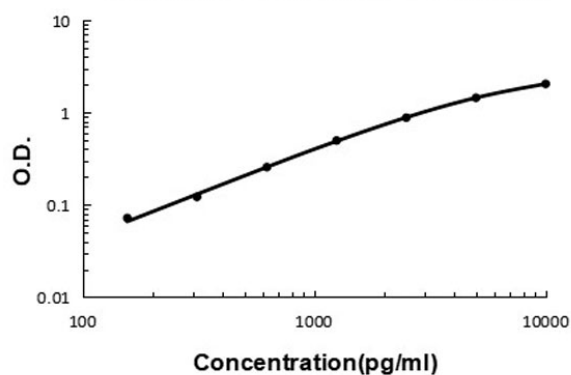
Shipping Condition: Wet Ice

Storage Condition: 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.

Expiration: See kit insert for complete instructions.

Images

Human Galectin-3BP ELISA Kit



ELISA

Human Galectin-3BP ELISA Kit standard curve.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.