

Datasheet for KOA0526**Human FLRG - FSTL3 ELISA Kit****Overview**

Description:	Human FLRG/FSTL3 AccuSignal ELISA Kit - KOA0526
Item No.:	KOA0526
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	62.5 pg/ml - 4000 pg/ml

Product Details

Background:	FSTL3(Follistatin-Like 3) also known as FLRG or FOLLISTATIN-RELATED GENE, is a member of the follistatin-module protein family, which is composed of extracellular matrix-associated glycoproteins thought to act in a paracrine manner to bind morphogens or growth/differentiation factors and regulate their activity during development. The FSTL3 gene extends over 7 kbp and contains 5 exons. The FSTL3 gene was localized to chromosome 19p13. This gene involved in hematopoiesis and in differentiation of hemopoietic progenitor cells, increases hematopoietic cell adhesion to fibronectin and seems to contribute to the adhesion of hematopoietic precursor cells to the bone marrow stroma. It may have a role in leukemogenesis.
Synonyms:	FLRG, follistatin-like 3, follistatin-like 3 glycoprotein, Follistatin-like protein 3, Follistatin-related gene protein, Follistatin-related protein 3, FSRP, Fstl3, FSTL3_HUMAN
Detection Kit Type:	ELISA Kit
Detection Range:	62.5 pg/ml - 4000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	FSTL3
Reactivity:	Human
Immunogen:	Expression system for standard: NSO; Immunogen sequence: M27-V263

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

Relevant Links:

- [UniProtKB - O95633](#)
- [NCBI - NP_005851.1](#)
- [GeneID - 10272](#)
- [KOA0526 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 FLRG 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, plasma (heparin, EDTA), urine or human milk to each empty well. It is recommended that each human FLRG 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.

Formulation

Anticoagulant: Heparin Sodium

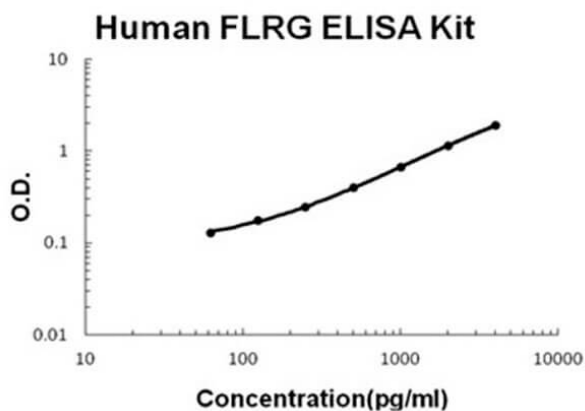
Shipping & Handling

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



ELISA

Human FLRG/FSTL3 AccuSignal ELISA Kit standard curve.
Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.

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.