

Product Datasheet

Prostaglandin J2/PGJ2 ELISA Kit (Colorimetric) NBP2-64614

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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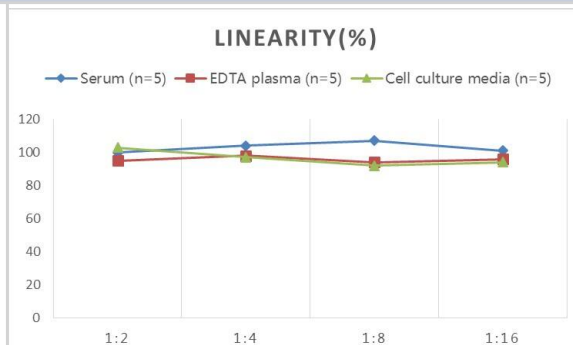


NBP2-64614**Prostaglandin J2/PGJ2 ELISA Kit (Colorimetric)**

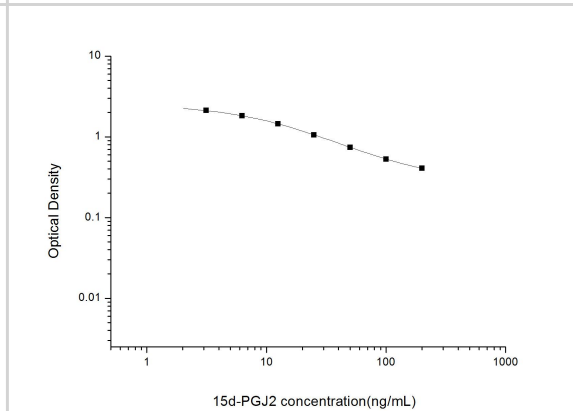
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Specificity/Sensitivity	This kit recognizes 15d-PGJ2 in samples. No significant cross-reactivity or interference between 15d-PGJ2 and analogues was observed.
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	3.13 - 200 ng/mL
Sensitivity	1.88 ng/mL
Inter Assay	%CV < 5.43
Intra Assay	%CV < 5.12
Assay Type	Competitive-ELISA
Spiking Recovery	92 - 107%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Prostaglandin J2/PGJ2 ELISA Kit (Colorimetric) [NBP2-64614] - Samples were spiked with high concentrations of Prostaglandin J2/PGJ2 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Prostaglandin J2/PGJ2 ELISA Kit (Colorimetric) [NBP2-64614] - Standard Curve Reference



Publications

Liu X, Guo Q, Wang L et al. Metformin attenuates high-fat diet induced metabolic syndrome related osteoarthritis through inhibition of prostaglandins *Frontiers in cell and developmental biology* 2023-05-02 [PMID: 37200628] (ELISA)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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