

## ARG82341 Rat IGFBP5 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82341-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82341-002	Standard	2 X 10 ng/vial	4°C
ARG82341-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82341-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82341-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82341-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82341-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82341-008	25X Wash buffer	20 ml	4°C
ARG82341-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82341-010	STOP solution	10 ml (Ready to use)	4°C
ARG82341-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82341 Rat IGFBP5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat IGFBP5 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	IGFBP5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.6% Inter-Assay CV: 7.3%

Alternate Names IBP5; IBP-5; IGF-binding protein 5; Insulin-like growth factor-binding protein 5; IGFBP-5

## Application Instructions

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Assay Time ~ 5 hours

## Properties

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Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol IGFBP5

Gene Full Name insulin-like growth factor binding protein 5

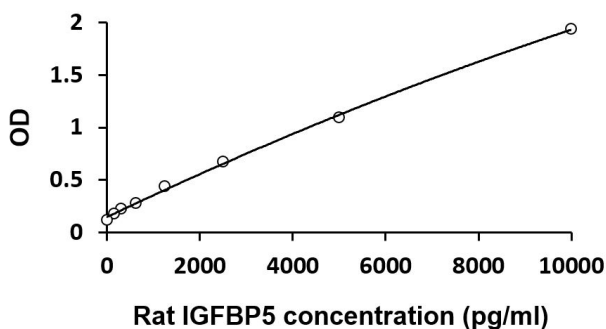
Function IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. [UniProt]

Highlight Related products:  
[IGFBP antibodies](#); [IGFBP ELISA Kits](#); [IGFBP Duos / Panels](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Secreted. [UniProt]

## Images

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ARG82341 Rat IGFBP5 ELISA Kit standard curve image

ARG82341 Rat IGFBP5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.