

Product Datasheet

GLP1 Antibody (10) [Biotin]

NBP2-23557

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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GLP1 Antibody (10) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	10
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	10 mM Phosphate buffer (pH 7.4) and 0.5 M NaCl
Product Description	
Host	Mouse
Gene ID	2641
Gene Symbol	GCG
Species	Mammal
Reactivity Notes	The sequence of GLP-1 is fully conserved in all mammalian species examined so far.
Specificity/Sensitivity	Binds the free N-terminus of GLP-1(7-37) and GLP-1(7-36)amide and shows <0.2% cross-reactivity with GLP-1(9-36)amide, glucagon and human GIP. Cross-reacts 0.25% with GLP-1(1-37), approximately 6% with human GLP-2 and approximately 50% with exendin-4. Cross-reacts with Liraglutide.
Immunogen	Synthetic GLP-1(7-17)
Product Application Details	
Applications	ELISA, Sandwich ELISA Detection
Recommended Dilutions	ELISA 1:100-1:2000, Sandwich ELISA Detection
Application Notes	It reacts in ELISA with GLP-1(7-37) coated directly onto the microtiter well. It binds free exendin-4 in solution and can function as a capture antibody for exendin-4. Results show detection limits of 44pmol/L which is 10-20 times higher than the basal concentration of GLP-1, so the assays have to be optimized.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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