

PRODUCT INFORMATION SUMMARY

Anti-Human- IGF-1

*Antigen-Affinity Purif.	Product Number	RHF340	0.1 mg
Biotin conjugate	Product Number	RHF340B	50 ug

SPECIFICITY:

Rabbit polyclonal antibody specific for Human Insulin Like Growth Factor (IGF-1). These polyclonal antibodies were raised against highly purified recombinant human IGF-1 and purified by antigen-affinity chromatography.

SOURCE: Rabbit antiserum, antigen-affinity purified for superior specificity in all applications.

RESEARCH APPLICATIONS:

Development of quantitative immunoassays ; Neutralization, WB; Identification of IGF-1 in tissue sections, body fluids.

NEUTRALIZING ACTIVITY:

concentration of 0.2 ug/mL required for half-maximal inhibition of 3.0 ng/mL IGF-1.

ELISA: Concentration of 0.5 ug/mL (100 uL per well) to detect 0.4 ng/well IGF-1. For **biotin conjugate** use at 0.15 - 0.3 ug/mL.

WESTERN BLOT: 0.2 ug/mL to detect 1.5 - 3.0 ng/lane IGF-1 under both reducing and non-reducing conditions.

HANDLING AND STORAGE:

Provided lyophilized, sterile-filtered in PBS, pH 7.4. Reconstitute with 100 uL of sterile water. For **biotin conjugate**, reconstitute in 100 uL sterile or distilled water **containing 0.1% BSA**. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Lyophilized reagents should be stored at -20° C until reconstitution. For long-term storage, store frozen at -20° C, in small aliquots, at high concentration. Purified anti-IGF-1 is provided free of stabilizing agents and preservatives to facilitate conjugation and immediate use in functional and immunological assays.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

RESEARCH USE ONLY

NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.