

Datasheet: PHP150

Description:	PURIFIED hCG
Name:	hCG
Format:	Purified
Product Type:	Purified Protein
Quantity:	1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA			▪	
Functional Assays			▪	
Immunoassay	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified human chorionic gonadotrophin - lyophilised
Reconstitution	Reconstitute with 1.0ml of distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Purified human chorionic gonadotrophin from urine
Buffer Solution	Ammonium bicarbonate
Preservative Stabilisers	None present
Approx. Protein Concentrations	1.0 mg/ml after reconstitution

External Database

Links

UniProt:

[P01233](#) [Related reagents](#)

[P01215](#) [Related reagents](#)

Entrez Gene:

[1082](#) CGB [Related reagents](#)

Synonyms	CGB3
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Product Information	Purified Human chorionic gonadotrophin is a 39.5 kDa protein, composed of one alpha and one beta subunit. It is secreted by placental syncytiotrophoblasts and stimulates the ovaries to produce steroids that are essential to pregnancy.
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Molecular Weight	39.5kD (237 amino acid sequence)
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Purity	>96% by SDS PAGE
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References	1. Chung, K. <i>et al</i> (2006) Defining the rise of serum HCG in viable pregnancies achieved through use of IVF.Hum. Reprod. 21:823-828.
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Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
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Shelf Life	18 months from date of reconstitution.
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Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10261 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10261.pdf Donor material tested and found negative for HIV 1 & 2 antibodies, HBsAg and Hepatitis C antibodies. As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.
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Regulatory	For research purposes only
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