

SCRIPPS PRODUCT REVIEW

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Purified hCG

Scripps scientists have worked diligently to develop purification methods for intact hCG and its subunits that maximize the molecule's immunological activity. As a result, Scripps Laboratories consistently produces hCG with excellent specific activity.

If you're looking for a consistent supplier of purified hCG, α -hCG, or β -hCG for the development and production of an hCG immunoassay, look to Scripps. We've been doing it for over 10 years!

hCG Antibodies

Scripps has bulk quantities of monoclonal and polyclonal antibodies to intact hCG, α -hCG, and β -hCG. Many pairs are available for ELISA or lateral-flow immunoassay development. These projects are mature and producing large volumes of antibody.

To evaluate these or other materials, please call, fax, or contact us via our website.

Contact Scripps for all your bulk biochemicals:

HORMONES
CARDIAC MARKERS
CANCER MARKERS
PLASMA PROTEINS
ANTIBODIES

(colloidal gold conjugation is available)

Tel: USA 858-546-5800
Fax: USA 858-546-5812
contact@scrippslabs.com
www.scrippslabs.com

hCG

Raw Materials for Immunoassay Development

Purified hCG

| <u>Catalog No.</u> | <u>Product</u> | <u>Purity</u> |
|--------------------|----------------|---------------|
| C0714 | hCG, Intact | $\geq 99\%$ |
| C0814 | α -hCG | $\geq 98\%$ |
| C0914 | β -hCG | $\geq 98\%$ |

hCG Monoclonals

| <u>Catalog No.</u> | <u>Immunogen</u> | <u>Clone No.</u> | <u>Subclass</u> | <u>Affinity Constant</u> |
|--------------------|------------------|------------------|------------------|--------------------------|
| MC085 | α -hCG | BC005 | IgG ₁ | 4.0×10^{10} |
| MC095 | β -hCG | AC001 | IgG ₁ | 1.0×10^{10} |
| MC097 | β -hCG | BC001 | IgG ₁ | 2.0×10^{10} |

hCG Polyclonals

| <u>Catalog No.</u> | <u>Immunogen</u> | <u>Animal</u> | <u>Purification Method</u> |
|--------------------|------------------|---------------|-------------------------------|
| GC079 | hCG, Intact | Goat | Immunoaffinity chromatography |
| GC089 | α -hCG | Goat | Immunoaffinity chromatography |
| GC099 | β -hCG | Goat | Immunoaffinity chromatography |

Antibody Pairs for Immunoassay Development

The following antibody pairs are recommended for the development of a lateral-flow, chromatographic-type immunoassay for the detection of hCG:

| <u>Capture Antibody</u> | <u>Trapping Antibody</u> |
|-------------------------------|--------------------------|
| Goat anti hCG GC079 | β -hCG Mab BC001 |
| Goat anti α -hCG GC089 | β -hCG Mab BC001 |
| Goat anti β -hCG GC099 | β -hCG Mab BC001 |

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