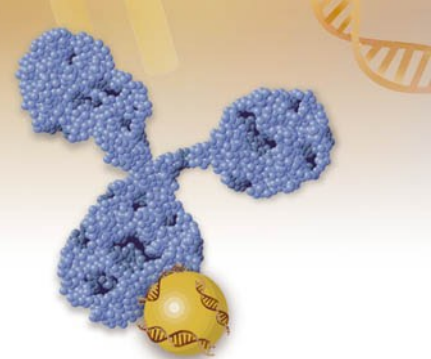


Production, Purification and Labeling of Monoclonal Antibodies



GENOVAC offers the production, purification and labeling of monoclonal antibodies with highest quality from client's hybridomas. You just send us your hybridoma cells and we deliver the purified and labeled monoclonal antibodies.

Antibodies are purified from cell culture supernatant cultivated in serum-free medium. The method of purification is dependent on the isotype (IgA, IgG or IgM) of the antibody.

We also offer purification of IgG or Fab following transfection of heavy and light chains into mammalian cells.

Step 1 - Estimation of productivity of individual hybridoma clones: 990 €

- Production and purification from 1 liter cell culture
- Test for Mycoplasma (and treatment if necessary ¹)
- Delivery of purified antibodies actually produced, up to 10 mg included

¹ Treatment of cells contaminated with Mycoplasma will be calculated at actuals and results in extra costs.

Step 2 (optional) – Upscaling of production and purification

Based on the estimation of productivity we will scale up the volume according to the clients needs. Actual prices depend on the productivity per liter and on ordered volume. Purity analysis included (SDS-PAGE). For larger amounts please inquire.

	< 50 mg	< 100 mg	< 500 mg	< 1 g	< 5 g	< 10 g	> 10 g
EUR/mg	65.00	50.00	37.50	30.00	22.00	10.00	8.50-6.00

Step 3 (optional) – Labeling of purified monoclonal antibodies

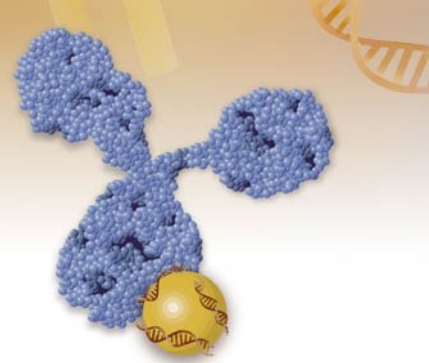
- Biotin: 1st mg for 225 €, each additional mg for 95 €
 - FITC: 1st mg for 285 €, each additional mg for 150 €
 - Phycoerythrin (RPE): 1st mg for 725 €, each additional mg for 485 €
- Please inquire for labeling with other fluorochromes or enzymes.

Step 4 (optional) – Fragmentation of purified monoclonal antibodies

Please inquire for fragmentation of IgG or IgM.

Step 5 (optional) – Endotoxin testing of purified monoclonal antibodies

Please inquire for testing for endotoxin or removal of endotoxin from purified antibodies.



Conditions

All prices excluding taxes and EXW (*ex works*) INCOTERMS 2000.

Postage and Handling extra, flat rate for each delivery within Germany 40 €, within Europe 70 €, to North America 100 €. For each delivery to ROW at actuals.

Payment and Delivery

All payments due within 14 days of the invoice issue date without deductions. Delivery in max. 25 vials.

Step 1: payment of the price per hybridoma on order placement

Step 2: 20% payment of the price per mg on commencement, 80% payment on delivery

Step 3: payment of the price per mg on delivery

Step 4: payment of the price per mg on delivery

Step 5: payment on delivery

Success

All services are provided by us using recognized scientific procedures. However, owing to the nature of the services, which are performed using living organisms with all their inherent limitations, we cannot give any guarantee of success.

Already fulfilled services cannot be refunded irrespective of their biological success. The results will be made available to the customer. Specifications above and beyond this require an explicit contractual agreement.

Liability

We are liable in accordance with all legal regulations, which may not be varied by agreement between the parties. As far as legally permissible, we are only liable for that portion of any damage, that is typically foreseeable. Under the same preconditions our liability is excluded for neglect of minor contractual obligations. Our liability is further limited to the total amount of payments received before the claim under the contract at hand, as far as such limitation is legally valid.

With respect to loss arising from death, personal injury or damage to health, we shall be liable, always without restriction, in accordance with statutory provisions.

Where loss results from mistakes by a third party, we shall be entitled to assign to the purchaser our own rights to claim damages against the third party. A claim may only be brought against us if the purchaser is unsuccessful in legal proceedings against the third party.

Terms and Condition of Sale

The Terms and Conditions of Sale 2004 of GENOVAC GmbH apply.