

Custom HuCAL® Antibody Generation Packages

The custom HuCAL recombinant monoclonal antibody service can be tailored to your project needs. Our three packages provide the basis of the antibody generation service. Additional services can be added to the package you choose. Our technical specialists can work with you to design a project to generate and characterize the antibodies your research requires.

| Package | Description | Price |
|---|---|---------|
| Fab Package CAB11586 | <ul style="list-style-type: none"> Antibody selection using a single customer provided antigen QC by specificity ELISA with purified antibodies Delivery of 100-250 µg each of all unique ELISA positive, purified Fab antibodies <p>Dispatch of antibodies 8 weeks after project commencement</p> | €9,920 |
| Guided Selection Package CAB11587 | <ul style="list-style-type: none"> Antibody selection using a single customer provided antigen Guided selection with up to two further customer provided closely related antigens (CRAs) and human serum Cross-reactivity profiling by ELISA with up to two CRAs QC by specificity ELISA with purified antibodies Delivery of 100-250 µg each of all unique ELISA positive, purified Fab antibodies; (a typical project generates 11-15 unique antibodies) <p>Dispatch of antibodies 8 weeks after project commencement</p> | €13,870 |
| Antibody Maturation Package CAB11588 | <ul style="list-style-type: none"> Antibody selection with additional integrated affinity maturation steps, with 1 customer supplied antigen Guided selection with up to two further customer provided closely related antigens (CRAs) and human serum Cross-reactivity profiling by ELISA with up to two CRAs Affinity ranking and affinity measurement of up to 16 monovalent Fab antibodies QC by specificity ELISA with purified antibodies Delivery of 100-250 µg each of up to 16 unique ELISA positive, purified Fab antibodies DNA and Amino acid sequence of up to 2 Fab antibodies <p>Dispatch of antibodies 16 weeks after project commencement</p> | €26,920 |
| Shipping | Shipping and handling charge, dry ice | €195 |



Antibody Production

| Format | Description | Price |
|------------------------------------|---|------------------------------|
| Fab antibody production | ELISA-positive Fab antibody, tagged as requested, per mg | €475 per mg |
| Immunoglobulin antibody production | Set up fee for new immunoglobulin production orders, 1-9 mg Ig expression, purification, and QC, per mg Price applies to IgGs, IgA and IgE IgM – please inquire | €2,100 set up €800 per mg |

Additional Products and Services

| Service | Description |
|---------------------|--|
| Sequence | DNA and amino acid sequence of Fab antibody, provided electronically |
| Guided selection | Library screening with additional antigens or closely related antigens Cross reactivity profiling |
| Format conversion | Generation of new Fab formats and tag combinations Conversion of Fab to full length immunoglobulin, IgGs, IgA, IgE, IgM |
| Application testing | ELISA: Sandwich pair testing of 10 antibodies in ELISA to find pair (all against all); includes labeling of all 10 antibodies and final QC ELISA with the 5 best pairs Western blot testing on customer provided lysates Flow cytometry |
| Affinity services | Affinity ranking: off-rate (k_d) measurement Affinity measurement Affinity maturation services |
| Labeling | Labeling of antibodies, including HRP, biotin, RPE, Alk Phos |
| Epitope binning | Classification of up to 10 binders into competition groups |
| Antigens | Antigen generation (bacterial, mammalian, Fc fusion proteins) Peptide antigen synthesis, including modifications |

Contact us for project design discussions, further services, additional prices and dispatch times.

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