



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 GBP
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 500 µl (~100-250 µg) each of all unique ELISA positive, purified Fab antibodies <p>Dispatch of antibodies 8 weeks after project commencement</p>	£9790
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 500 µl (~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>	£12269
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 15 monovalent Fab antibodies• QC by specificity ELISA with purified antibodies• Delivery of 500 µl (~100-250 µg) each of up to 15 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>	£23619
Shipping	Shipping and handling charge, dry ice	£210



Antibody Production

Format	Description	Price
Fab antibody production	ELISA-positive Fab antibody, tagged as requested, per mg	£389 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	£1890 set up £685 per mg

Additional Products and Services

Service	Description
Coupling to SpyCatcher	Rapid conversion to bivalent and Ig-like formats, and site-directed conjugation for Fab antibodies with a SpyTag
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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