

Custom Antibody Ordering Form – Page 1
Fax to: 716 774 3157

Some or all animals may fail to give a response to certain antigens. Please note that Invitrogen does not guarantee that a given antigen will elicit an immune response.

P.O. Number:	Purchasing dept. contact:
Note: Order can not be processed without a verified P.O. Number.	
Institution:	Purchaser phone:
Account number:	Purchasing email:
Quote number:	Purchasing fax:
Researcher name:	Credit card number:
Researcher phone:	Credit card exp. date:
Researcher email:	Credit card holder name:
Researcher fax:	
Shipping address:	Billing address:

Contact our customer service team to order:

Ph: 1 800 955 6288 x45682

Email: EvoQuestTeam@Invitrogen.com

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Contact Customer Service at Ph: 1 800 955 6288 x45682 – Email: EvoQuestTeam@Invitrogen.com

(Please see page 4 of this ordering form for additional information and explanation on the following services)

Type of Protocol: PolyQuik (Accelerated) – Rabbit Only Premium – All Animals
Antibody services employ crude grade peptide 20mg and KLH for conjugation unless otherwise specified (additional charges may apply) – Peptide lead times not included.

Type of Animal: *(Number of animals included with the protocol listed in parentheses)*
 Rabbit (2) Chicken (2) Mouse (5) Rat (2) Sheep (1) Goat (1) Guinea Pig (2)
 Note – All animals are specific pathogen free and the farm is fully accredited

Additional Animals: _____ *(Please indicate the number of additional animals you would like to order or leave blank)*

Prescreen Serum from Animals: *(Additional charges will apply)*
 Rabbit (5) Chicken (5) Mouse (10) Rat (5) Sheep (5) Goat (5) Guinea Pig (5)

Co-injection of Immunogens: 1. _____ 2. _____ (Name of Antigens)

Affinity Purification:
 Note – If you are considering affinity purification only 1mL aliquots of serum will be shipped for testing. If service is later declined, full bleeds will be shipped. **If you do not select Affinity Purification, full bleeds will be shipped.**

Additional Services*:
(Extra charges apply)
 Receive 1mL serum aliquots at 4, 8, & 10 weeks as collected
 Early ELISA testing of serum as collected
*(*Only applies to Rabbit Premium Protocol – Unless selected, all bleeds will ship at end of protocol)*

(Please see page 5 of this ordering form for additional information and explanation on the following services)

Name of Peptide _____ Please inquire on peptide lead times

Sequence N-terminus to C-terminus

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

A peptide length over 20 residues is not recommended for antibody production

Note – In order to facilitate conjugation to the carrier protein (i.e. KLH) and affinity purification resin, please add a cysteine (C) residue to the N- or C-terminus of the peptide. Do not add another cysteine if it is already present within the sequence.

Purity:	Final Yield:	Conjugation:	N-term Modification:	C-term Modification:	Internal Modification:
<input type="checkbox"/> Crude*	<input type="checkbox"/> 1 mg	<input type="checkbox"/> KLH*	<input type="checkbox"/> Amine*	<input type="checkbox"/> Free Acid*	<input type="checkbox"/> Phosphorylation
<input type="checkbox"/> 70%	<input type="checkbox"/> 5 mg	<input type="checkbox"/> BSA	<input type="checkbox"/> Acetylation	<input type="checkbox"/> Amidation	<input type="checkbox"/> Methylation
<input type="checkbox"/> 80%	<input type="checkbox"/> 10 mg	<input type="checkbox"/> OVA	<input type="checkbox"/> Biotinylation	<input type="checkbox"/> Biotinylation**	<input type="checkbox"/> D-Form Residue
<input type="checkbox"/> 90%	<input type="checkbox"/> 20 mg*	<input type="checkbox"/> THY	<input type="checkbox"/> FITC or FAM	<input type="checkbox"/> FITC or FAM**	<input type="checkbox"/> Acetylation
<input type="checkbox"/> 95%	<input type="checkbox"/> 50 mg		<input type="checkbox"/> Methylation	<input type="checkbox"/> MAP 4 or 8	<input type="checkbox"/> Biotinylation
	<input type="checkbox"/> 100 mg		<input type="checkbox"/> Formylation		

* default
 ** additional Lysine (K) needed

Post Protocol: You may arrange to have your animals kept alive past the protocol schedule for an extra fee. Invitrogen must receive instructions within 14 days after we ship your bleeds and results to you. If we don't hear from you during this time, your animals may be terminated.

For additional questions on offerings and pricing, please contact Customer Service at:
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Supplying your own immunogen for Custom Antibody?

Immunogen Name: _____

Amount:

Concentration (mg/mL) _____

Quantity (mg) _____

Buffer: _____

Storage Conditions: _____

Immunogen Description: _____

Additional Comments: _____

The supplied immunogen can be a fusion protein or recombinant. 5mg is required. If you select affinity purification please include another 5mg. The concentration of the sample must be at least 0.3mg/mL. Proteins can be lyophilized or in solution. The buffer cannot contain organic solvents. If you're sending an immunogen with a tag or conjugate that you do not wish to have measured in the ELISA or antibodies purified to during affinity purification, please also send cleaved or unconjugated immunogen. If sending protein in a gel slice please contact customer service for additional information on conditions and sample preparation.

Please confirm that this antigen is not live or killed (whole) pathogen:

Signature

Date

Please send your immunogen to:

Invitrogen

Attn: Custom Antibody

Room 121

542 Flynn Road

Camarillo, CA 93012

**For additional questions on offerings and pricing, please contact Customer Service at:
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Contact Customer Service at Ph: 1 800 955 6288 x45682 – Email: EvoQuestTeam@Invitrogen.com

Type of Protocol:

You may select from our 2 protocol options. PolyQuik: 7-week protocol, rabbit only. Premium Protocol: all animals. Please note: Some or all animals may fail to give a response to certain antigens. Invitrogen does not guarantee that a given antigen will elicit an immune response.

Hapten-peptide conjugation:

You can choose from hapten carriers such as KLH (Keyhole Limpet Hemocyanin), BSA (Bovine Serine Albumin), OVA (Ovalbumin), and THY (Thyroglobulin). We also offer MAP peptides (Multiple Antigen Peptide).

Animals for Protocol:

We offer the following animals: rabbit, chicken, mouse, rat, sheep, goat, and guinea pig. The number in brackets after the animal species on the form is number of animals included in the protocol.

Co-injection:

You can enter up to 2 additional peptide names of peptides to be injected into your animals. Please fill out and attach an additional form for each additional peptide.

Antibody Affinity Purification:

Invitrogen offers peptide-affinity purification to purify your antiserum after the protocol.

*Important: Even if you order affinity purification or Protein A purification prior to or during the protocol, we cannot purify until we have specific instructions from you which **bleed(s) from which animal(s)** you want purified. We **cannot** perform any purification services until we have this information from you.*

Animal Prescreen:

To help you select the animals best suited to your peptide-antibody project, we offer an animal pre-screening service. The service delivers 4 ml serum aliquots shipped to you to test in your own assay. Please note: an additional charge will apply for this service.

Additional Serum/Aliquot Shipments:

Your bleeds are held at Invitrogen until we receive instructions from you. For rabbit premium protocol, we can ship your bleeds as they are taken if specified. For all other animals, please contact customer service.

Extensions/Maintenance:

You may arrange to have your animals kept alive past the end of the protocol. Invitrogen must receive instructions within 14 days after we ship your results to you. If we don't hear from you during this time, your animals will be terminated.

Important: Maintenance does not include any boosts or bleeds. Animals on maintenance may have a higher chance of decreasing titer compared to an animal that is being injected regularly.

Contact Us:

To place an order or to ask a question regarding order placement please contact our specialized customer service team at EvoQuestTeam@Invitrogen.com or 1 800 955 6288 ext. 45682.

Contact Customer Service at Ph: 1 800 955 6288 x45682 – Email: EvoQuestTeam@Invitrogen.com

Name of Peptide:

Write the name of your peptide in this field. The peptide name can include both numbers and letters. The peptide name cannot be longer than 15 characters.

Peptide Sequence:

Enter the peptide sequence you want synthesized, starting from the N-terminal (left) and ending with the C-terminal (right). Please use the single letter code (i.e. enter "Y" for Tyr or Tyrosine). See* below for a list of single letter codes for all 20 natural amino acids.

*A: Alanine, C: Cysteine, D: Aspartic Acid, E: Glutamic Acid, F: Phenylalanine, G: Glycine, H: Histidine, I: Isoleucine, K: Lysine, L: Leucine, M: Methionine, N: Asparagine, P: Proline, Q: Glutamine, R: Arginine, S: Serine, T: Threonine, V: Valine, W: Tryptophan, Y: Tyrosine

Peptide Sequence with Modifications:

The modification is written into the sequence after the residue that is to be modified. Please also check the check boxes on the form for modifications.

Modification Options:

Biotinylation: [bio], Fluorescein: [FLO], Rhodamine: [RHD], Methylation: [MTH], Acetylation: [ACT], Formylation: [FRM], Myristylation: [MYS].

Phosphorylations: [pT] (threonine), [pS] (serine), and [pY] (tyrosine)

Residues in D-form: A 'd' followed by the residue single letter code.

EXAMPLE: A Q K [BIO] G P A [pT] L S A E [dA] E P P V E K [FLO]

Please note internal or C-terminal biotin, fluorescein, and rhodamine modifications must be attached to a lysine.

We also offer Norleucine, Norvaline, Ornithine, Pencillamine, Pyroglutamic acid, Sarcosine, Acetyl-K, Aminohexanoyl, Aminohexanoic acid, Aminosuberic acid, Citric acid, Cyclohexylalanine, Citrulline, Homocysteine, Homoserine, Hydroxyproline, Thiol Tyrosine, B-(2-Thienyl Alanine), Statline. Please inquire for other modifications or special residues.

Purity and Scale:

We offer the following purities: Crude, >70%, >80%, >90%, >95%. Please inquire for purities of >98%. We offer the following peptide yields: 1 mg, 5 mg, 10 mg, 20mg, 50mg, 100mg and gram levels.

Conjugation:

You can choose from hapten carriers such as KLH (Keyhole Limpet Hemocyanin), BSA (Bovine Serine Albumin), OVA (Ovalbumin), and THY (Thyroglobulin). We also offer MAP peptides (Multiple Antigen Peptide). Please note: KLH must be linked to a cysteine or N-terminal free amine in your sequence. In doubt of what conjugation strategy to choose? Please contact Customer Service.

Please note: MAP peptide is offered as crude. Shipments do not include Mass spec or HPLC data (MAP lysine core interferes in measurements).

Cyclization and Peptide D-form:

Cysteine to cysteine cyclization (disulfide bond). We offer D-form amino acids for all 20 amino acids listed above*.

Delivery Time:

Estimated delivery time will be included in quote or order confirmation. Delivery times vary depending on peptide content and specifications.

Important: Solid Phase Peptide Synthesis has a 15-20% failure rate on first synthesis attempt. It is not uncommon that a peptide fails the first synthesis attempt because different peptides, due to their varying R-groups, favor different synthesis chemistries.

Contact Us:

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