

Custom conjugation services

Entrust your antibody or protein conjugation needs to our skilled bioconjugation team to help save time in the lab

Rely on our years of experience for peace of mind

The custom conjugation services team at Thermo Fisher Scientific can provide high-quality conjugates for both research and commercial applications. You can remain focused on your innovative research while we handle the manufacturing and delivery of the conjugates you need.

Thermo Fisher now offers both basic and advanced conjugation services, including site-specific labeling, bispecific antibody production, and 1:1 antibody conjugation.



Standard conjugation
Standard lysine conjugation, macromolecule crosslinking, and conjugation to microspheres are offered.



Site-specific conjugation
Invitrogen™ SiteClick™ site-selective covalent labeling provides excellent reproducibility without altering antibody function.



Bispecific conjugation
SiteClick chemistry creates a set of tetravalent bispecific antibodies.



1:1 antibody conjugation
Precise labeling with high specificity helps enhance accuracy and sensitivity in your detection assays.



Custom conjugation services offered

	Standard conjugation	Macromolecule crosslinking	Microspheres	Site-specific (small molecule) conjugation	Site-specific (large molecule) conjugation	Bispecific antibody production	1:1 antibody production
Labeling chemistry	Lysine	Heterobifunctional crosslink	Covalent coupling	SiteClick label	SiteClick label	SiteClick label	Lysine or SiteClick label
Label options	Alexa Fluor dyes Alexa Fluor Plus dyes pHrodo dyes LysoLight dyes DyLight dyes FITC Texas Red dye ADC toxins Biotin	R-PE/APC HRP ConA	Antibodies Proteins Oligos	Alexa Fluor dyes Alexa Fluor Plus dyes pHrodo dyes LysoLight dyes NovaFluor dyes ADC toxins Metal-chelating compounds Biotin	R-PE/APC HRP Qdot probes Oligos	IgG antibodies	R-PE/APC Brilliant Violet and Brilliant Ultra Violet dyes
Standard quality control testing	Concentration Degree of labeling (DOL) Free dye check	Concentration DOL	Concentration Bead diameter sizing	Concentration DOL Free dye check	Concentration DOL Free dye check	Concentration DOL Free dye check	Concentration DOL Free dye check
Minimum scale range	0.2–1 mg	0.5–1 mg	0.5–1 mg	0.5 mg	1 mg	1 mg	0.5–1 mg
Estimated yield	70%	20–40%	15–75%	70%	20–50%	20–40%	10–30%

Optional add-on services

Purification/buffer exchange	Individual fractions	DOL optimization	Custom final packaging/formulation	Additional QC testing	Special handling
BSA removal Ascites fluid purification Unique buffer formulations	Individual fractions with a fraction letter	6 MRs (wide) 3 MRs (narrow)	Lyophilization Nonstandard return buffer Final packaging over 20 individual aliquots	Bradford BCA PAGE HPLC purity value HPLC chromatogram	Low endotoxin RNase-free

New: Introducing our Economy Custom Conjugation Services—expert conjugation for only \$950

We are now offering expert conjugation services for IgG antibodies with Invitrogen™ Alexa Fluor™ dyes, Invitrogen™ pHrodo™ dyes, or biotin—all at a value-driven price. Our Economy Custom Conjugation pricing is automatically reflected in your quote if all requirements* are met.

* Applies to IgG antibodies only, 1 mg/mL or higher in approved buffer (PBS preferred, must be BSA/amine-free). No extra QC, special packaging, low endotoxin, or DOL optimization.



Learn more at thermofisher.com/customconjugation
 or email us at LSG-EUG-PMOTeam@thermofisher.com

invitrogen

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