

OUR SUSTAINING MEMBERS

BioNovus

• LIFE SCIENCES •

LATEX Bead Conjugation Kits

Innova Biosciences has introduced a range of LATEX Bead Conjugation Kits. These simple to use, one-step kits for covalently conjugating antibodies, proteins and peptides (or any other biomolecule with an amine group) to specially treated latex beads without the need for extensive optimisation.

The latex conjugation reaction has been developed using Innova Biosciences expertise in simple and quick one-step antibody conjugations such as our InnovaCoat® GOLD kits (covalent conjugation to gold nanoparticles) and Lightning-Link® kits (covalent conjugation of antibodies, proteins and peptides to enzymes and fluorophores) to produce a kit unlike any latex bead conjugation product available.

Quick and easy to use:

- 30 seconds to set up the one-step conjugation reaction
- 3 minutes hands-on time and 35 minutes total time until the conjugates are ready to use

Specially treated latex is resistant to aggregation:

- High yields of functional conjugates can be made without the need for harsh resuspension methods like sonication and vortexing

Only two buffers are used to test for optimal activity:

- No extensive pH optimisations as is typically required for traditional passive conjugation methods

Choice of bead colour and kit sizes:

- Available 400nm latex beads in red, blue or black
- Two kit sizes available: Mini kits are ideal for antibody screening or 'proof of principle' experiments, and Midi kits which are 10 times the size of the Mini kits. Bulk material is also available for further scale up

BioNovus Life Sciences

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GeneWorks

GeneWorks is a proudly independent supplier of molecular and cell biology products and associated services based in Adelaide. Our mission is to facilitate access to innovative technology solutions and services to enable successful research or commercial outcomes for our clients.

New introductions to GeneWorks' product range include Alvéole's PRIMO, the world's first multi-protein patterning system. PRIMO allows researchers to study the influence of the microenvironment on intracellular and intercellular mechanisms. We now also supply products from BRANDEL, including a novel Gradient Fractionator system used for the separation of organelles, RNA, DNA and the study of protein interactions. BRANDEL also make systems for cell harvesting and tissue perfusion.

Organisations looking for workflow automation should consider unique instruments from Art Robbins Instruments (ARI) such as the Cobra non-contact nanoliter-capable dispensers, and the Scorpion Screen Builder high speed single channel pipettor.

Excitement continues to build around Clearbridge Biomedics' ClearCell system for viable CTC isolation, and Bioo Scientific's NextPrep-Mag cfDNA Isolation and NEXTflex NGS Library preparation kits and barcodes.

GeneWorks' expanding range of services include custom Genotyping (including assay design), Gene Expression Analysis and Sample Preparation which we provide to researchers and companies wishing to outsource their wet lab work. GeneWorks also provides expert Instrumentation Services to support all the equipment we supply.

GeneWorks will be exhibiting at ComBio 2017 in Adelaide.

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Selecting the Right Gel Documentation System

Ease of use and reliability have always been the biggest considerations in choosing a gel documentation system. Recently, gel documentation systems with alternatives to UV have become increasingly popular and required as researchers shift their preferences to the use of safer fluorescent dyes instead of toxic ethidium bromide. The use of alternative light sources for excitation, such as blue light, also serves to reduce the risk of UV exposure.

Axygen® Gel Documentation systems are easy to use and reliable for the fast gel imaging operations required by researchers today. It deploys a high resolution 5.4 MP camera which captures publication quality images and features an Auto Exposure tool which enables the calculation of the optimal exposure time with just a single click.

Axygen® Gel Documentation systems also feature a Darkroom control which allows the selection from UV 302, UV 365, Epi White, or Epi Blue light sources, as well as an optional Trans White light illumination tray. With many added features and options available in the market today, selecting the right gel documentation system is important. Axygen® Gel Documentation systems assist the user to in capturing hassle-free images in the least amount of time. Please contact us on clsanz@corning.com