

MERCK

LINK & LOAD SMARTER

Discover comprehensive ADC Solutions.

The life science business of Merck operates
as MilliporeSigma in the U.S. and Canada.



Innovate your ADC workflow

LEVERAGING SMALL MOLECULE AND BIOPHARMACEUTICAL EXPERTISE.

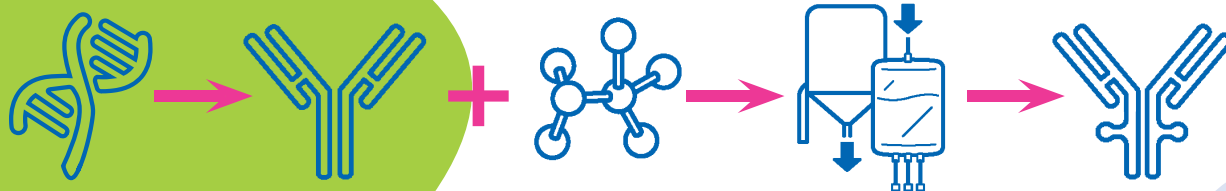
Antibody Drug Conjugates present a unique set of challenges for developing companies. The competition is fierce. The development is complex. Their structural exceptionality requires expertise in a number of different technologies for small and large molecules as well as analytical methods.

Sourcing out various stages of the supply chain has become almost unavoidable. Instead of using a variety of contracted researchers and manufacturers – why not simplify the process and minimize your number of partners?

The new combined competencies of Merck and Sigma-Aldrich help you overcome this multitude of challenges. We offer a comprehensive service portfolio that uniquely combines the crucial steps of your developmental process: mAb solutions, linker, payload and the final conjugation – all from a single source.

Discover the partner that fast-tracks your production and helps you accelerate your processes along the supply chain.

- **Streamline your processes with our resources from development and manufacturing of monoclonal antibodies to our conjugation services**
- **Profit from our 30-year experience in process development of more than 220 biologics and conjugation of more than 35 different constructs**
- **Load your ADC smarter with our technical innovations and groundbreaking process templates**



Accelerate with the right development

DEDICATED BIODEVELOPMENT SERVICES.

As part of our holistic approach to matching your needs in ADC development, our state-of-the-art mammalian biopharmaceutical facilities serve as a key factor to support your clinical cGMP mAb supplies.

Our dedicated engineers and technicians offer unparalleled expertise in every area of

your manufacturing process. Our global Provantage® Biodevelopment Services create innovative processes to help you manufacture your mAb – getting your drug from cell to clinic in less than 12 months.

We have 30 years of process development experience with more than 220 biologics.

Since 2012 we have upgraded our facility to single-use (150 – 2000 L bioreactors) – audited by national and international authorities.

From gene sequence to liquid bulk, one joint project team streamlines your ADC program – enabling a faster development of the conjugation process, seamless to our customers.



Find your Missing link

INNOVATIVE PAYLOADS AND LINKER MANUFACTURING.

Helping you with our Biodevelopment Services is one thing – but what happens after you have successfully produced your monoclonal antibody? Instead of turning to several different suppliers, let us step in once again. With more than 25 years of experience working with complex and highly active pharmaceutical ingredients, we specialize in handling the individual challenges

of potent molecules. Our proprietary linkers as well as synthesized client-specific linkers have proven to be consistent and are scalable up to commercial batches.

Our FDA-inspected premier high-potency cGMP manufacturing facilities in the US feature the highest level of containment engineering to produce batches

ranging in size, from grams all the way up to 400 kg. We have experienced personnel that know how to develop and manufacture highly active and complex compounds, support global quality and regulatory requirements, and they have been serving market leaders in linker technology for years.

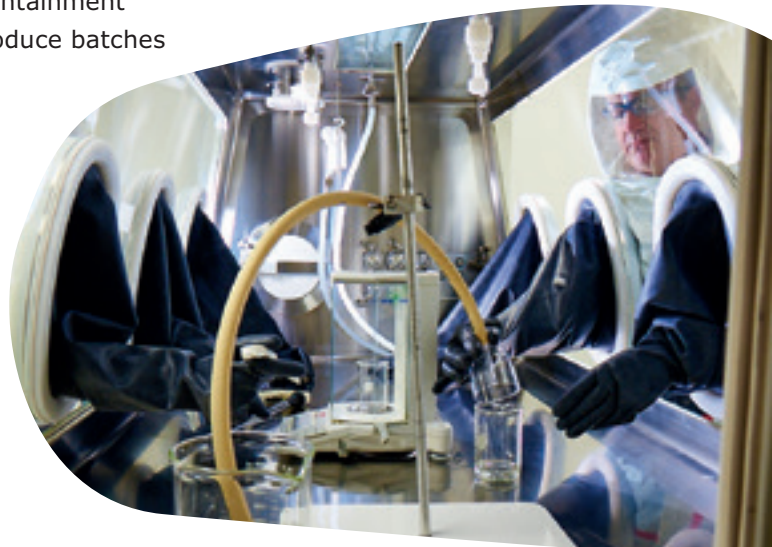
Connect the dots

ADC & BIOCONJUGATION SERVICES.

We provide all capabilities needed for dedicated ADC development, manufacturing and testing. Through our experience with more than 35 different ADC constructs, produced in more than 300 batches, our service personnel and suites

have cultivated extensive expertise to deliver solutions for your ADC or bioconjugate. Our facilities are purpose-built specifically for the handling of HPAPIs, antibodies, linkers and for performing complex conjugation processes – on a

clinical as well as a commercial scale. Our strong partnership with solution providers enables you to profit from our support up until the formulation and fill-finish of your compound.



ASSEMBLE all benefits

ADVANCED GLOBAL PROJECT MANAGEMENT.

We offer comprehensive solutions from gene sequence to stability testing of the final drug product. To help you with the complexities of managing an international ADC program, our dedicated project managers become your single point of contact.

They coordinate multi-disciplinary teams, site activities all around the globe and the scheduling of timelines. We help you in handling your challenges along the supply chain – from implementation to execution throughout the project lifecycle.



To find out more about our eclectic range of services,
contact our sales representatives and visit our website
www.merckmillipore.com/ADCServices

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

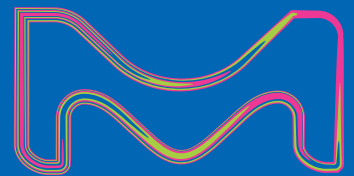
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