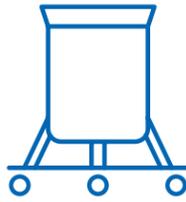


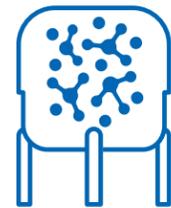
# Want to know where you can use the NovaSeptum® Sampling System?

A Single Sampling Platform Across Your Entire Process



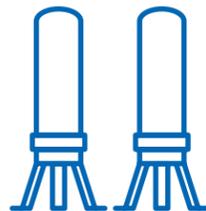
## Media Preparation

- Enable clean product additions to adjust key parameters



## BioReactor

Collect up to 45 samples without breaking sterility



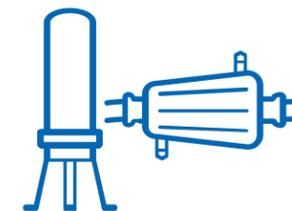
## Bioburden Reduction

- Excellent recovery of micro-organisms to assess bioburden reduction
- Protect next steps with effective bioburden monitoring



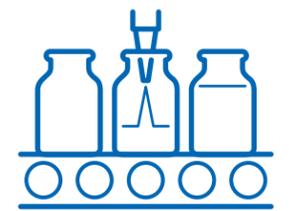
## Chromatography

- Monitor purification with ease
- Keep expensive chromatography resin safe of contamination



## Sterile Filtration

- Monitor bioburden across your process from a single point of access
- Verify the effectiveness of your filter



## Final Fill

Seamless integration into single-use final fill processes

## Benefits at Every Step

### + Achieve Compliance

- Closed sampling, contributes to Quality by Design (QbD) and Process Analytical Technology (PAT)
- Monitor critical parameters across each step
- Collect samples for long-term and tight storage, even frozen at -80°C
- A clean NovaSeal® disconnection protects operators from biohazards
- Complete validation guides and documentation streamlines implementation
- NovaSeptum® Sampling system can be integrated to Mobius® Disposable Assemblies for large product addition with sterile to sterile Lynx® connectors
- Flexible to meet your needs: Mix all container formats and volumes
- Protect valuable product by sampling only the volume and material needed (bottles, syringes, etc.)
- Deliver samples from a custom made connector, if required
- BioReliance® Validation Services for testing, compatibility studies, validation, audits, and more

### + Easy Implementation

Innovative, unique, and easy implementation at this stage of the process includes disposable connectors with convenient and fast set up, eliminating post-processing cleaning requirements.



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