



# CyTOF<sup>™</sup> Mass Cytometry

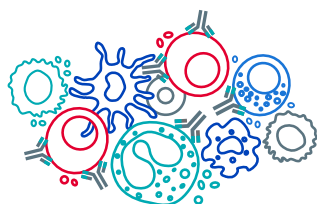
## CUSTOM LYOPHILIZATION SERVICE

### LyoMax CyTOF Panels

**Customized** by design. **Standardized** at scale.

LyoMax CyTOF<sup>™</sup> Panels are fully tailored, ready-to-use lyophilized assays, developed through the Standard BioTools<sup>™</sup> Custom Lyophilization Service. Transform your antibody panels into a stable dry format, eliminating the variability and manual preparation associated with liquid antibody cocktails and delivering reproducibility, long-term stability and simplified workflows. Available in large batches of standardized lots, LyoMax<sup>™</sup> Panels are purpose-built to support large-scale, longitudinal and multi-site studies with consistency and ease.

- **Highest** parameters in a dry assay
- **Tailored** design with your markers of interest
- **Reproducible** results across cohorts and sites
- **Easy** staining workflow – just add samples



**50-plus-marker capacity**



**Single dry format**



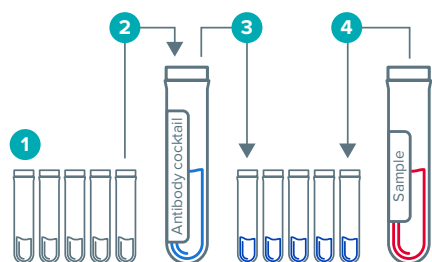
**100-plus batch size**

**Your** custom panel –  
in a stable, lyophilized assay



## Save time. Just add samples.

A ready-to-use assay that eliminates variability and reduces errors from liquid pipetting and panel preparation

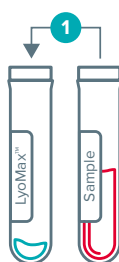


### Liquid CyTOF panel

#### Two-plus hours in prep time

1. Calculate antibody volumes.
2. Prepare cocktail (centrifugation).
3. Pipette cocktail.
4. Add sample.

VS.



### LyoMax CyTOF Panel

#### Minimal prep time

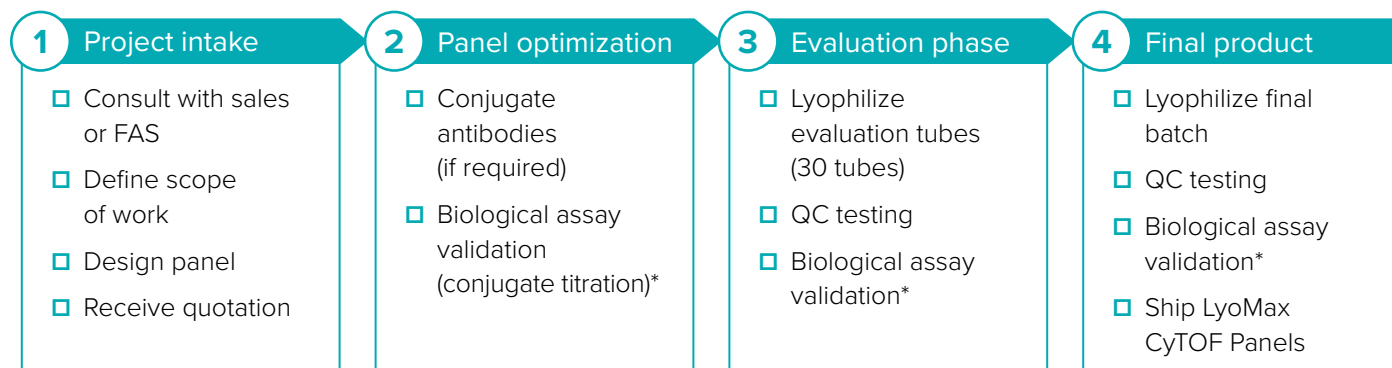
1. Add sample.

**Get the most out your experiment.** LyoMax Panels are compatible with:

- Whole blood, PMBC and dissociated tissue
- Human and mouse samples
- Sample barcoding
- Stain-freeze workflows
- Stabilizing reagents

## Guided expert support

Our dedicated in-house Lab Services provides end-to-end support for assay design, optimization and confirmation.



\* Included as a **premium add-on** only. Premium add-ons include biological assay validation and titrations at desired phases, performed by SBI Lab Services. Otherwise, these steps are completed by the customer.

Learn more: [standardbio.com/customreagents](https://standardbio.com/customreagents)

Contact us at [standardbio.com/contactus](https://standardbio.com/contactus)

*Unleashing tools to accelerate breakthroughs in human health™*



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**Custom Lyophilization Service – LyoMax CyTOF Panels Flyer**

**For Research Use Only. Not for use in diagnostic procedures.**

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