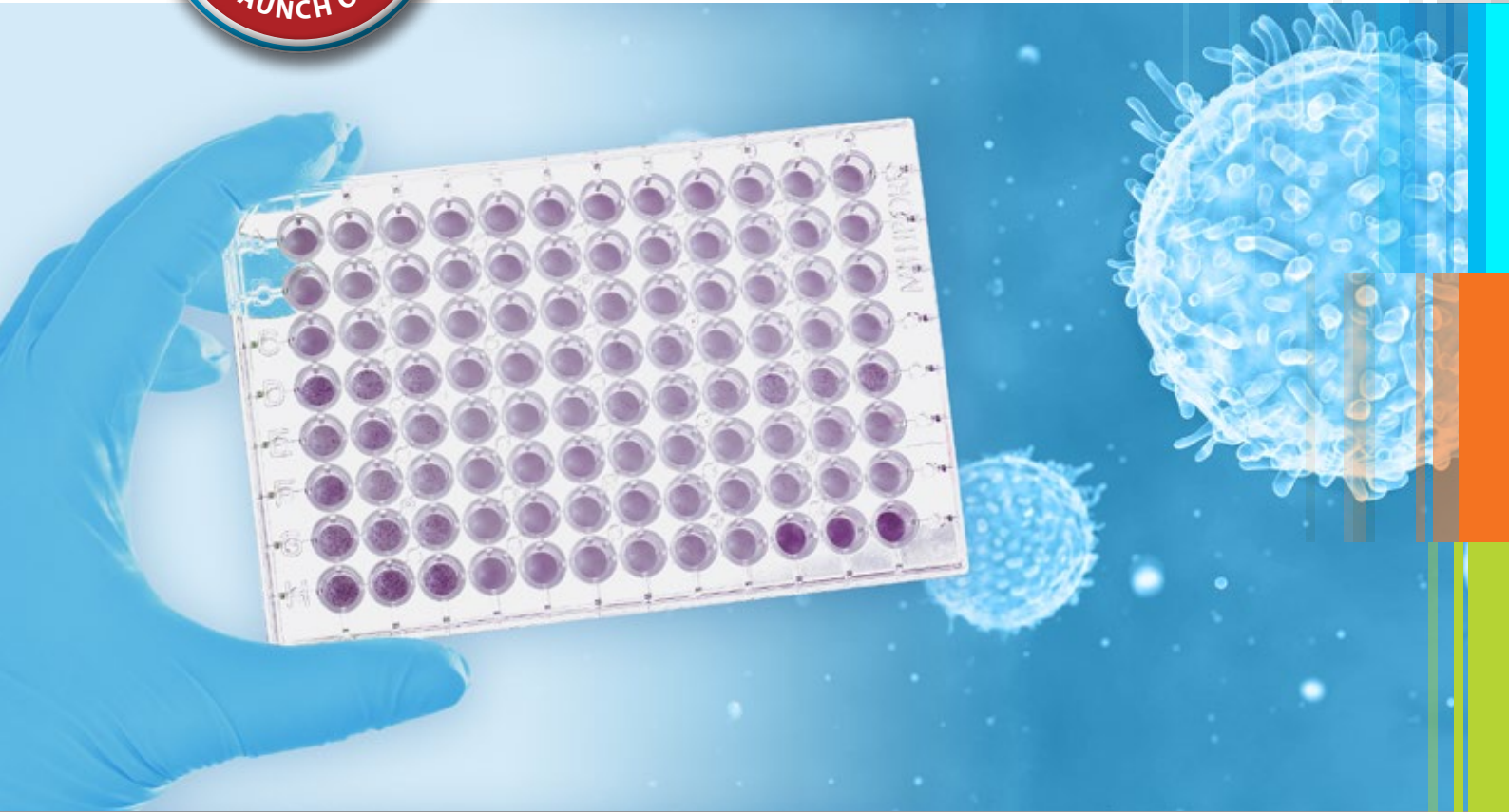




**TCR-engineered reference samples
for assay performance control (TERS™)**



T-Cell Assay Standard

Universal T-Cell Assay Standard
TERS™ Kit

- ❖ **Standardize & validate antigen-specific T-cell assays**
- ❖ **Monitor assay performance over time**
- ❖ **Calibrate MHC multimer, ICS, and ELISPOT assays**

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Innovative Peptide Solutions

Universal T-Cell Assay Standard TERS™ Kit

Performance Control of T-Cell Assays

With the Universal T-Cell Assay Standard TERS™ Kit you can generate T-cell receptor-engineered reference samples (TERS™) with a defined number of functional, antigen-specific T-cells and use them to standardize all of your antigen-specific T-cell assays.

Applications

- Standardization of MHC multimer, ICS and ELISPOT assays
- Validation of antigen-specific tests
- Monitoring of T-cell assay performance over time, between different platforms or labs
- Calibration of antigen-specific assays

Benefits

- Reliable external assay standards for antigen specific tests
- A new level of quality control for antigen-specific T-cell assays
- Enabling studies across platforms and laboratories

Why Reference Samples?

Appropriate external standards such as TERS™ are crucial for meaningful comparisons of results between different runs, platforms, or laboratories.

What is TERS™?

The Universal T-Cell Assay Standard TERS™ Kit provides reliable and stable external standards for antigen-specific T-cell assays. By transferring TCR-encoding RNA into fresh PBMCs a cell suspension with a defined number of T-cells bearing the desired TCR is produced.

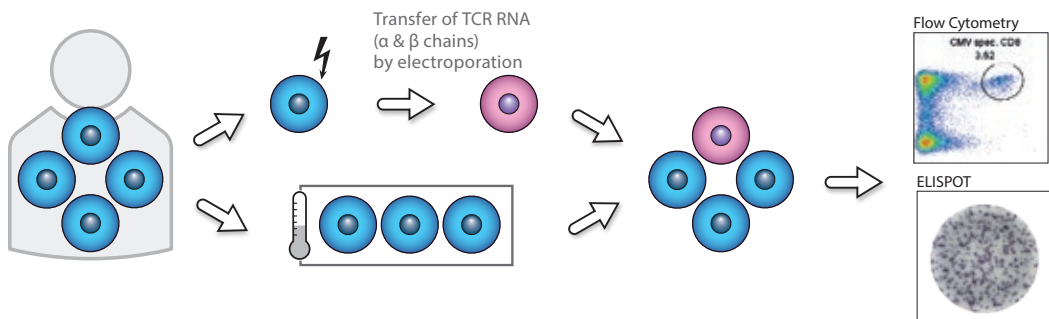
Select Your TERS™ Kit

TERS™ will work as external assay standard independent of its specificity. However, if TERS™ do match the antigen-specificity of your assays, you can also ascertain the integrity of the MHC multimer or peptides used for stimulation. We offer different TERS™ specifications: CMV, Influenza, Tyrosinase, and NY-ESO-1.

Selected Reference

“Generation of TCR-Engineered T Cells and Their Use To Control the Performance of T-Cell Assays”
Bidmon et al., J. Immunol. (2015)

Production of TCR-engineered reference samples with our Universal T-Cell Assay Standard TERS™ Kit



PBMCs from Buffy Coat donor or alternative cell source

Cultivation and storage of transfected and native cells

Pooling as required

Performance control of assays