

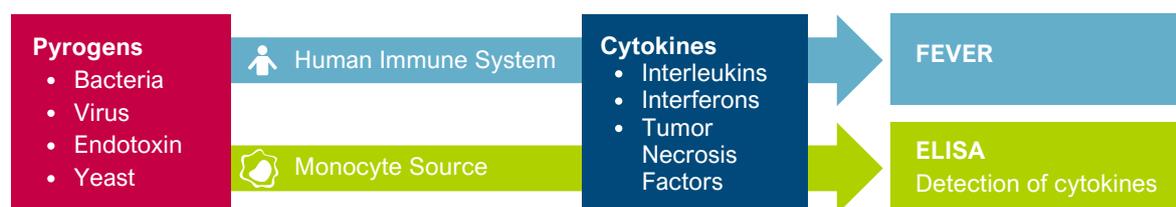


Rapid, Reliable Pyrogen Detection

In-vitro, cell-based pyrogen detection assay

Pyrogen detection is a critical requirement in the Chemistry Manufacture and Control of pharmaceuticals to ensure patient safety and regulatory compliance in release testing. The Monocyte Activation Test (MAT) sets the benchmark in pyrogen detection, offering unmatched sensitivity and specificity for parenteral drugs, biologics, and medical devices, without the use of animals.

The MAT mimics the human fever reaction *in vitro*: monocytes are activated by pyrogens to produce cytokines that are detected in an immunological assay.



The MAT is a step forward in ensuring patient safety, regulatory compliance, and ethical testing practices:

Broad Range of Pyrogens

MAT detects both endotoxin and non-endotoxin pyrogens

Superior Sensitivity

MAT has a lower limit of detection compared with the Rabbit Pyrogen Test (RPT)

Animal Welfare

MAT is an animal-free testing method

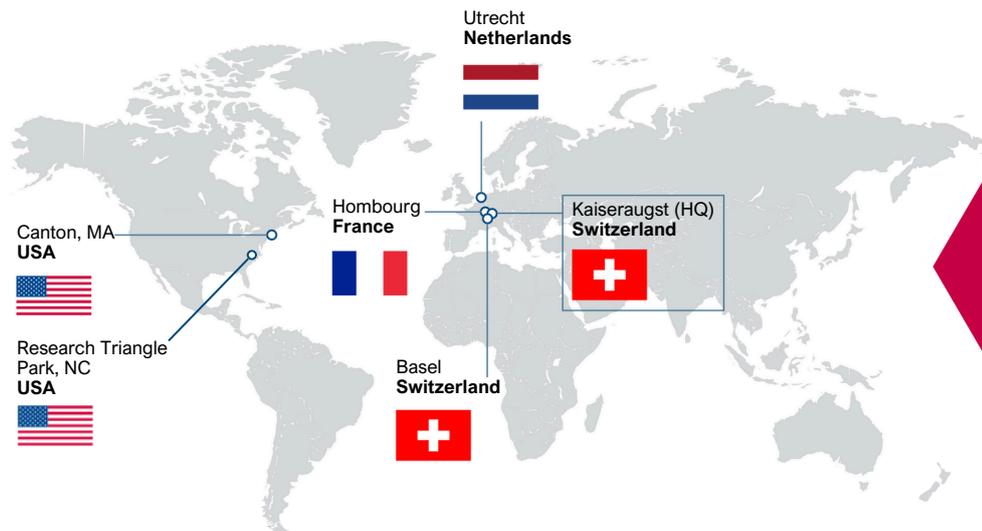
Versatile Application

MAT is suitable for a range of drug products, especially parenteral drugs and biologics



Why partner with us?

- CDMO/CRO
- Founded in 1999
- 800+ team members
- 175+ PhD-level scientists
- GMP, GLP, ISO9001 certified
- 22.5K sqm of lab capacity
- 700+ customers worldwide
- 6 centers of excellence



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