



# Wickham Laboratories

Contract Analytical Services

## MAT: Our Latest In Vitro Method

Wickham Laboratories is pleased to announce the introduction of a new in vitro test method, the Monocyte Activation Test (MAT), for the assessment of the pyrogenicity of pharmaceutical products and medical devices. The MAT is a non-animal alternative to the traditional Rabbit Pyrogen Test and we are pleased to have introduced it as part of our commitment to the reduction, refinement, and replacement of animal testing.

The MAT can detect pyrogenic contamination such as:

- **Gram-positive (non-endotoxin)**
- **Gram-negative (endotoxin)**
- **Other biological (virus, fungi)**
- **Non-biological**

Contact us today to learn more about the Monocyte Activation Test or to discuss your pyrogen testing requirements.

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**GMP**  
Compliant Laboratory

**GLP**  
Compliant Laboratory

**FDA**  
Audited Laboratory



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## Pyrogenicity Assessment

Wickham Laboratories offers clients several options for the assessment of pyrogenicity, depending on the requirements of the product or medical device in question.

These methods include:

### In Vitro

- Limulus Amebocyte Lysate (LAL) Test; efficient and extremely sensitive method based on an extract from the blood of the Horseshoe crab.
- Monocyte Activation Test (MAT); see overleaf for further details.

### In Vivo

- Rabbit Pyrogen Test (RPT); suitable for those products and devices which are incompatible with the LAL or MAT models.

For more information on our pyrogen testing capabilities, contact us today.

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