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(54) **Title:** IMPROVED MONOCYTE ACTIVATION TEST BETTER ABLE TO DETECT NON-ENDOTOXIN PYROGENIC CONTAMINANTS IN MEDICAL PRODUCTS

(57) **Abstract:** An improved monocyte activation test is described that is better able to detect non-endotoxin pyrogens in medical products, in which a sample is incubated with a monocyte-containing reagent in an assay system comprising at least one surface comprising polypropylene. The invention also concerns assay systems for use in these tests that include at least one microtiter well having at least one interior surface comprising polypropylene and having a shape such that monocyte-containing reagent is concentrated in the well to provide greater cell to cell contact. The invention also relates to a diagnostic kit that can be used to test for the presence of non-endotoxin pyrogens in a sample.

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