

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Cytochrome P450 3A4 human - recombinant, expressed in *Saccharomyces cerevisiae*

Product Number:

**E9038**

Storage Temperature:

**-70 °C**

TEST	Specification
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Concentration

Conforms

1 picomole P450/ul

Activity

 $\geq 5$ 

P450 activity in units/pmole of P450

Unit Definition: One unit will oxidize 1 picomole of testosterone per minute at pH 7.4 at 28°C

Cytochrome C Reductase

 $\geq 50$ 

Activity: Expressed in nanomoles/minute/mg protein

Unit Definition

One unit will reduce 1 nanomole of Cytochrome C per minute in the presence of NADPH at pH 7.4 at 28°C.

Total Protein

 $\geq 5$  mg/ml

by Bradford

Specification: PRD.1.ZQ5.10000058758

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.