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Product Specification

Product Name:

Cytochrome P450 2C9 human – recombinant, expressed in *Saccharomyces cerevisiae*

Product Number:

E9538

Storage Temperature:

-70 °C

TEST	Specification
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Activity	≥ 10
P450 activity in units/pmole of P450	
Unit Definition: One unit will oxidize 1 picomole of diclofenac per minute at pH 7.4 at 28°C	
Cytochrome C Reductase Activity	≥ 500
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	≥ 10 mg/ml
by Bradford	
Concentration	Conforms
1 nanomole P450/ml	

Specification: PRD.0.ZQ5.10000061492

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. 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.