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## Product Specification

Product Name:

Cytochrome P450 2C9\*1 (Wild type allele), human - recombinant, expressed in E. coli

Product Number:

H4792

Storage Temperature:

-70 °C

TEST	Specification
Concentration	50 - 150
Cytochrome P450 concentration (CO difference-spectrum measurement) nanomole/ml	
mg protein/ml (Bradford)	3.5 - 25.0
Content	6 - 14
Specific Content of Cytochrome P450 nanomoles/mg protein	
Specific Activity	12 - 88 UN/mg
units/mg protein	
Concentration	20 - 2200
Activity Concentration units/ml	
One unit will convert 1.0 nanomole of diclofenac (2-(2,6-dichloranilino)phenylacetic acid) 4'-hydroxylated product per minute at pH 7.4 at 37 degrees Celcius.	

Specification: PRD.0.ZQ5.10000089652

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.