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Product Specification

Product Name:
Cytochrome P450 3A4 human - recombinant, expressed in E. coli

Product Number: **H5042**

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 - 200 UN/mg
units/mg protein	
Concentration	42 - 5000
Activity Concentration	
units/ml	
One unit will convert 1.0 nanomole of testosterone to 6-beta-testosterone per minute at pH 7.4 at 37 deg C	

Specification: PRD.1.ZQ5.10000063616

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.