



## Product Information Sheet

### Anti-human CYP3A4 (for immunoinhibition and immunoblotting)

Catalogue Number: PAP 011  
 Product Description: Polyclonal antiserum raised in rabbit against purified recombinant human CYP3A4  
 Amount: 100  $\mu$ l  
 Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.  
 Intended Use: For laboratory (research) purposes only.

Batch Numbers: 270300; 070705; 060116; 150616

#### Specificity of inhibition

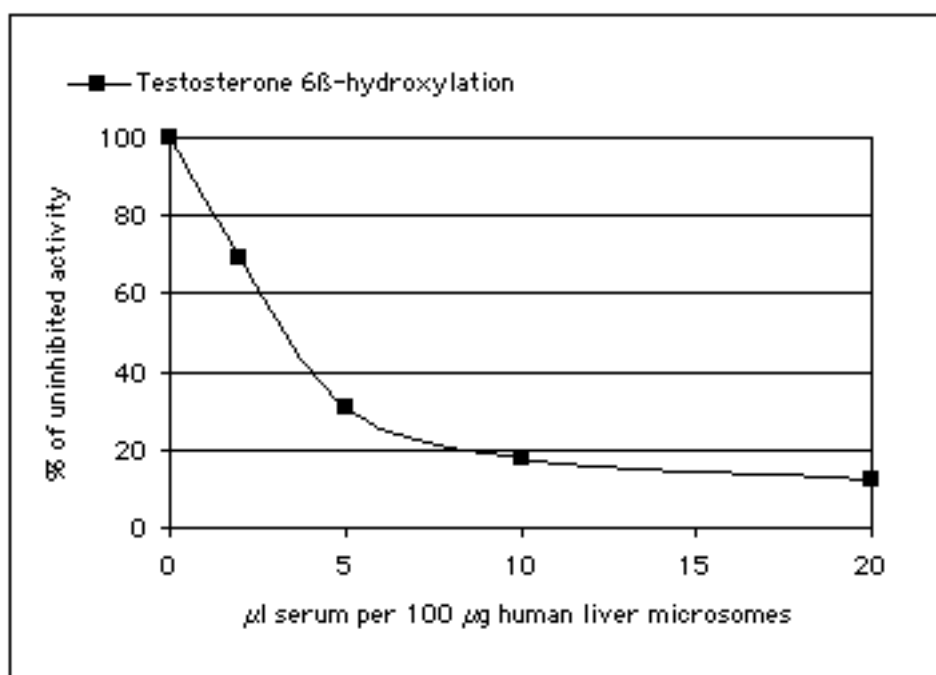
CYP1A1	CYP1A2	CYP2A6	CYP2C8	CYP2C9	CYP2C19	CYP2D6	CYP2E1	CYP3A4
-	-	-	-	-	-	-	-	***

Potency of immunoinhibition: \*\*\* strong; \*\* moderate; \* weak; - not detectable

Enzyme activities measured for immunoinhibition assay:

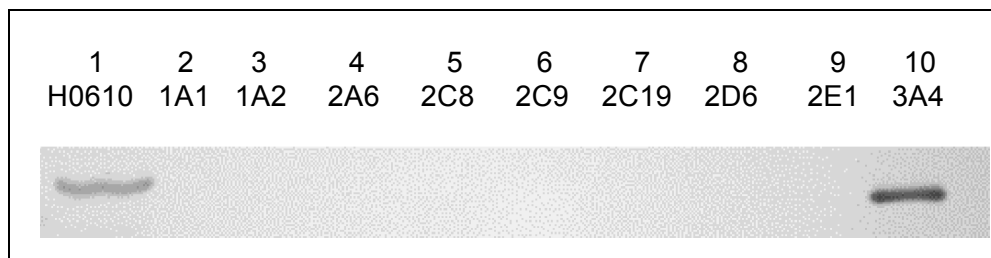
CYP1A1	7-Ethoxyresorufin O-dealkylase	CYP2C19	S-Mephenytoin 4'-hydroxylase
CYP1A2	7-Ethoxyresorufin O-dealkylase	CYP2D6	Bufuralolol 1'-hydroxylase
CYP2A6	Coumarin 7-hydroxylase	CYP2E1	Chlorzoxazone 6-hydroxylase
CYP2C8	Paclitaxel 6 $\alpha$ -hydroxylase	CYP3A4	Testosterone 6 $\beta$ -hydroxylase
CYP2C9	Diclofenac 4'-hydroxylase		

Activities determined in pooled human liver microsomes (H0610, XenoTech), apart from CYP1A1 (cDNA-expressed)



Blotting specificity

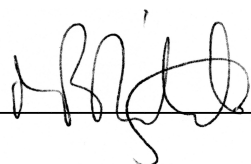
A dilution of 1:5000 or 1:10000 is suggested for Western blotting applications.



Lane 1: 20 µg of pooled human liver microsomes (H0610, XenoTech)

Lanes 2-10: 0.5 pmol of the specified recombinant human cytochrome P450

Approved by \_\_\_\_\_



Date 8<sup>th</sup> March, 2018

Safety Data

The toxicological properties of this reagent have not been investigated. Exercise due care when handling.

**IMPORTANT DISCLAIMER**

1. Products supplied by Cypex may be harmful if misused. Any product ordered from Cypex must not be used for any purpose other than the intended use specified on the Product Information Sheet which accompanies the product when delivered. Please ensure that products supplied by Cypex are used safely, and, in particular, that the products do not come into direct human contact.
2. Cypex undertakes that all products supplied by it shall conform to the specification appearing on the Product Information Sheet which accompanies the product when delivered. In the event that products supplied by Cypex fail to meet such specification, Cypex will supply replacement products free of charge provided that the defective products have been returned to Cypex within a reasonable time of delivery (Cypex will reimburse reasonable costs incurred in returning defective products), and this shall be the only remedy available in respect of the supply of any defective products.
3. Cypex gives no undertakings or warranties in respect of products supplied other than the undertaking given at 2, above. Furthermore, Cypex has given and gives no undertaking or warranty nor does it make any representation, directly or indirectly, express or implied, about the quality, character or suitability of products supplied by Cypex.
4. Cypex shall have no liability in respect of loss or damage (whether direct or indirect or in the nature of loss of profit) suffered as a result of the supply of products by Cypex, or the subsequent use, storage or other application of the products, whether or not the products meet the specification referred to at 2, above.