

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 μ l
 Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.
 Intended Use: For laboratory (research) purposes only.

Batch Number: 270300

Specificity of inhibition

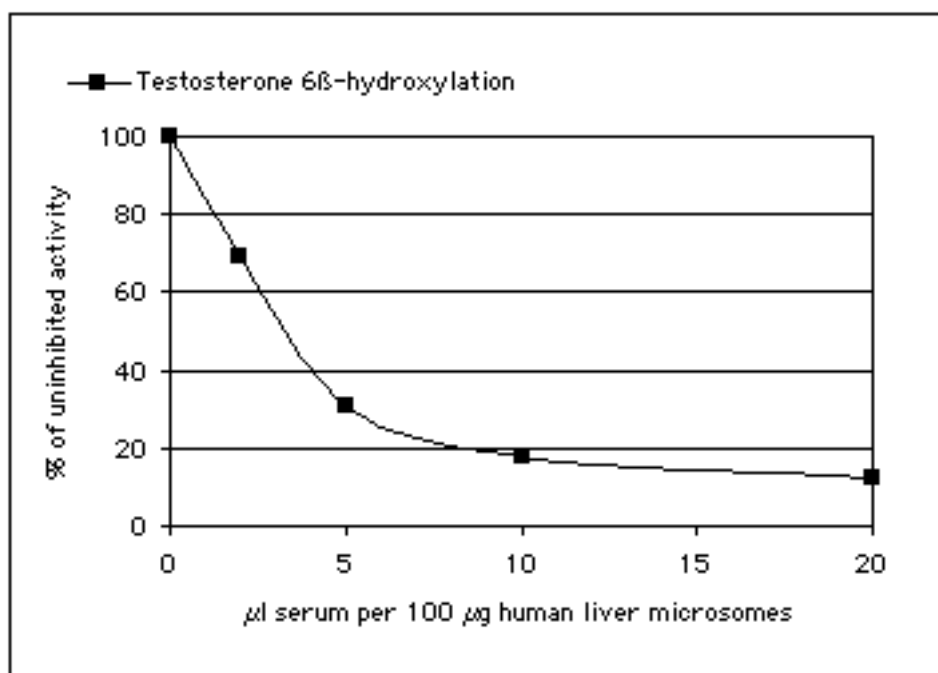
CYP1A1	CYP1A2	CYP2A6	CYP2C8	CYP2C9	CYP2C19	CYP2D6	CYP2E1	CYP3A4
-	-	-	-	-	-	-	-	***

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

Enzyme activities measured for immunoinhibition assay:

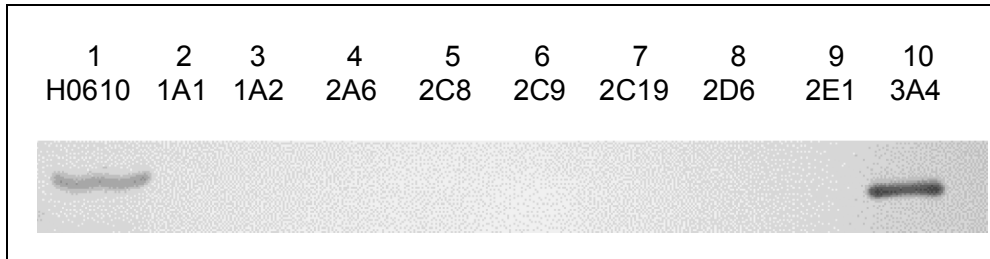
CYP1A1	7-Ethoxyresorufin O-dealkylase	CYP2C19	S-Mephenytoin 4'-hydroxylase
CYP1A2	7-Ethoxyresorufin O-dealkylase	CYP2D6	Bufuralol 1'-hydroxylase
CYP2A6	Coumarin 7-hydroxylase	CYP2E1	Chlorzoxazone 6-hydroxylase
CYP2C8	Paclitaxel 6 α -hydroxylase	CYP3A4	Testosterone 6 β -hydroxylase
CYP2C9	Diclofenac 4'-hydroxylase		

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 3rd December, 2001

Safety Data

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

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Produced by Nosan Corporation, 46th Floor, Landmark Tower, 2-2-1 Minatomirai, Nishi-ku, Yokohama 220-8146, Japan.