



Product Information Sheet

Anti-human CYP1A2 (for immunoinhibition and immunoblotting)

Catalogue Number: PAP 021
 Product Description: Polyclonal antiserum raised in rabbit against purified recombinant human CYP1A2
 Amount: 100 µl
 Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.
 Intended Use: For laboratory (research) purposes only.

Batch Numbers: 170800; 300516

Specificity of inhibition

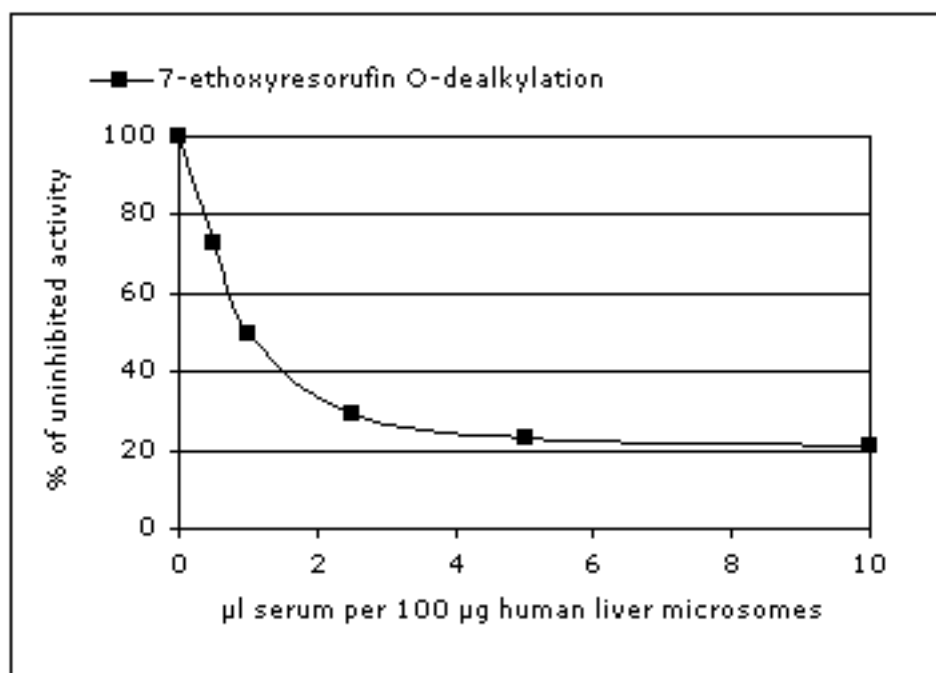
CYP1A1	CYP1A2	CYP2A6	CYP2C8	CYP2C9	CYP2C19	CYP2D6	CYP2E1	CYP3A4
-	***	-	-	-	-	-	-	-

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

Enzyme activities measured for immunoinhibition assay:

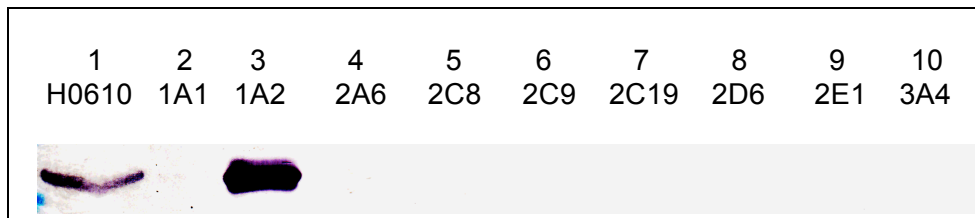
CYP1A1	7-Ethoxyresorufin O-dealkylase	CYP2C19	S-Mephenytoin 4'-hydroxylase
CYP1A2	7-Ethoxyresorufin O-dealkylase	CYP2D6	Bufuralolol 1'-hydroxylase
CYP2A6	Coumarin 7-hydroxylase	CYP2E1	Chlorzoxazone 6-hydroxylase
CYP2C8	Paclitaxel 6 α -hydroxylase	CYP3A4	Testosterone 6 β -hydroxylase
CYP2C9	Diclofenac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

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



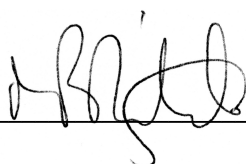
Blotting specificity

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 8th March, 2018

Safety Data

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

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