

Product Information Sheet

Control rabbit serum

Catalogue Number: CON 911
 Product Description: Pre-immune rabbit serum
 Amount: 100 µl
 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 | 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

| CYP1A2 | CYP2A6 | CYP2C8 | CYP2D6 | CYP2E1 | CYP3A4 |
|--------|--------|--------|--------|--------|--------|
| - | - | - | - | - | - |

Degree of cross-reactivity: *** strong; ** moderate; * weak; - not detectable

Specificity determined by Western blotting using cDNA-expressed cytochrome P450s (0.5 pmol/lane)

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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