



Ochratoxin A [HRP] (DAG4437)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Ochratoxin A, HRP-conjugated
Species	N/A
Conjugate	HRP
Applications	ELISA
Format	0.5 mg/mL in peroxidase stabilizing buffer with 50% glycerol or lyophilized powder.
Size	100 µg
Preservative	None
Storage	Product is stable for several weeks at 4°C. For extended storage, store product at -20°C. Expiration date is six months from date of shipping if stored properly.

BACKGROUND

Introduction	Ochratoxin A is a polyketide-derived dihydroiso-coumarin moiety linked through the 12-carboxy group to phenylalanine. Ochratoxin A is the most important and most commonly occurring of a structurally related group of compounds. It is produced by some species of <i>Aspergillus</i> , such as <i>A. ochraceus</i> , mainly in tropical regions, and by <i>Penicillium verrucosum</i> , a common storage fungus in temperate areas such as Canada, eastern and north western Europe and parts of South America. Ochratoxin A is a potent toxin affecting mainly the kidneys, in which it can cause both acute and chronic lesions, whereas its dechloro derivative, ochratoxin B, is non-toxic. A nephrotoxic effect has been demonstrated in all mammalian species.
Keywords	OA; Ochratoxin A non-ribosomal peptide synthetase; OchratoxinA; OTA