



Triamcinolone Acetonide [HRP] (DAG1325)

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

PRODUCT INFORMATION

Product Overview	Triamcinolone Acetonide, HRP conjugate
Antigen Description	Triamcinolone is a long-acting synthetic corticosteroid given orally, by injection, inhalation, or as a topical ointment or cream. It is used to treat several different medical conditions, such as eczema, psoriasis, arthritis, allergies, ulcerative colitis, lupus, sympathetic ophthalmia, temporal arteritis, uveitis, ocular inflammation, visualization during vitrectomy and the prevention of asthma attacks.
Species	N/A
Conjugate	HRP
Applications	ELISA, Immunoassays, Development of Rapid tests and other immunoassay, antibody recognition assays
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Triamcinolone Acetonide is a more potent type of triamcinolone (synthetic corticosteroid), being about 8 times as effective as prednisone. It is used to treat medical conditions, such as eczema, psoriasis, arthritis, allergies, ulcerative colitis, lupus, sympathetic ophthalmia, temporal arteritis, uveitis, and ocular inflammation, visualization during vitrectomy and the prevention of asthma attacks. Triamcinolone Acetonide has an elimination half-life of 1.5-2.5 hours in Humans. 6 β hydroxylated and 21-carboxylated metabolites have been reported in humans, rats
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and dogs for triamcinolone acetonide. Little or no parent compound was detected in plasma 24 hours after oral administration in humans. Plasma binding in humans was 68%. Triamcinolone was not a major metabolite of triamcinolone acetonide in humans, only about 1% of the dose was found in the urine as triamcinolone. 6β -H+hydroxytriamcinolone acetonide was the major metabolite in urine of rats, dogs and humans after intra-venous and intra-muscular administration. Hydrolytic cleavage of the acetonide group did not appear to be significant.

Keywords

Aristoderm; Aristogel; Azmacort; Kenalog; kenalone; Nasacort; Polcortolon; Solodelf; Triaceton; Tricinolon; Triamcinolone Acetonide
