



Methotrexate [HRP] (DAGB319)

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

PRODUCT INFORMATION

Specificity	Each conjugate comprises antigen covalently bound to horseradish peroxide and is suitable as a tracer in immunoassay development.
Nature	Synthetic
Expression System	N/A
Species	N/A
Conjugate	HRP
Applications	IA
Procedure	None
Format	The conjugate is supplied as a concentrate. Dilute as required and use working strength conjugate immediately after dilution
Size	0.5ml
Preservative	None
Storage	2 - 8°C for up to 3 months / -20°C for long term storage

BACKGROUND

Introduction Methotrexate is in the class of medications called antimetabolites. The drug is used to treat severe psoriasis, rheumatoid arthritis and certain types of cancer. It works by slowing the proliferation of cells. Specifically, it inhibits the enzyme dihydrofolate reductase that is necessary for the synthesis of folic acid, which is required for the synthesis of DNA, RNA, thymidylates and proteins.