



# Methotrexate [KLH] (DAGA-351K)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Nature</b>	Synthetic
<b>Expression System</b>	N/A
<b>Conjugate</b>	KLH
<b>Applications</b>	Immunogen
<b>Procedure</b>	None
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1mg
<b>Buffer</b>	0.01M pH7.4 PBS
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## BACKGROUND

**Keywords** L-(+)-AMETHOPTERIN; Methotrexate; MTX; ANTIFOLAN; NSC 740; 4-AMINO-N 10-METHYLPTEROYL-L-GLUTAMIC ACID; 4-AMINO-10-METHYLPTEROYLGLUTAMIC ACID;