



# Sulphaphenazole [HRP] (DAG1303)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Sulphaphenazole, HRP conjugate
<b>Antigen Description</b>	Sulfaphenazole is a sulfonamide antibacterial. Specific inhibitor of CYP2C9. Blocks pro-inflammatory and atherogenic effects of linoleic acid (increase in oxidative stress and activation of AP-1) mediated by CYP2C9. Specific inhibitor of CYP2C9. Blocks pro-inflammatory and atherogenic effects of linoleic acid (increase in oxidative stress and activation of AP-1) mediated by CYP2C9. Inhibits bradykinin-induced tPA release.
<b>Species</b>	N/A
<b>Conjugate</b>	HRP
<b>Format</b>	Concentrate
<b>Size</b>	0.5 ml
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	Sulfaphenazole is a sulfonamide antibacterial. In bacteria, antibacterial sulfonamides act as competitive inhibitors of the enzyme dihydropteroate synthetase (DHPS), an enzyme involved in folate synthesis. As such, the microorganism will be "starved" of folate and die.
<b>Keywords</b>	Sulfaphenazole