



## Moxidectin [BSA] (DAG-WT008)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Moxidectin conjugated with BSA
<b>Specificity</b>	This product is ELISA-paired with CABT-Z523M
<b>Species</b>	N/A
<b>Conjugate</b>	BSA
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 mg
<b>Buffer</b>	0.01M PBS, pH7.4
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

### BACKGROUND

<b>Introduction</b>	Moxidectin is a potent, broad-spectrum endectocide (antiparasitic that is active against endo- and ecto-parasites) with activity against nematodes, insects, and acari. It is a semi-synthetic methoxine derivative of nemadectin which is a 16-member pentacyclic lactone of the milbemycin class. Moxidectin differs by the absence of a disaccharide moiety on carbon 13, a substituted olefinic side chain at carbon 25 and a unique methoxime moiety at carbon 23. Due to these modifications, moxidectin is classified as a second generation macrocyclic lactone.
---------------------	--