



## Paraquat [OVA] (DAG-P25470)

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

### PRODUCT INFORMATION

<b>Conjugate</b>	OVA
<b>Applications</b>	ELISA, LFIA
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	10mM 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.
<b>Ship</b>	Wet ice

### BACKGROUND

**Introduction** Paraquat, also known as methyl viologen, is an organic compound with the chemical formula  $[(C_6H_7N)_2]Cl_2$ . It is classified as a viologen, a family of redox-active heterocycles of similar structure.[5] This salt is one of the most widely used herbicides. It is quick-acting and non-selective, killing green plant tissue on contact. It is also toxic (lethal) to human beings and animals due to its redox activity, which produces superoxide anions. It has been linked to the development of Parkinson's disease and is banned in several countries.