



Folic acid [OVA] (DAG-WT081)

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

PRODUCT INFORMATION

Product Overview	Folic acid conjugated with OVA
Species	N/A
Conjugate	OVA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	2 mg
Buffer	0.01M PBS, pH7.4
Preservative	None
Storage	Store at <4°C. Protect from light

BACKGROUND

Introduction	Folic acid, also known as folate or Vitamin B9, is a member of the B vitamin family and an essential cofactor for enzymes involved in DNA and RNA synthesis. More specifically, folic acid is required by the body for the synthesis of purines, pyrimidines, and methionine before incorporation into DNA or protein. Folic acid is particularly important during phases of rapid cell division, such as infancy, pregnancy, and erythropoiesis, and plays a protective factor in the development of cancer. As humans are unable to synthesize folic acid endogenously, diet and supplementation is necessary to prevent deficiencies. For example, folic acid is present in green vegetables, beans, avocado, and some fruits.
Keywords	Folic acid; Vitamin B9; VB9