



Human Histidyl-tRNA Synthetase (Jo-1) [His] (DAG4859)

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

PRODUCT INFORMATION

Species	Human
Purity	>90% as determined by SDS-PAGE
Conjugate	His
Applications	WB, ELISA
Molecular Weight	58 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	50 µg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Histidyl-tRNA synthetase is a member of the aminoacyl-tRNA synthetase family, key enzymes of protein biosynthesis which charge tRNA molecules with the respective amino acids. This 58 kDa protein is an autoantigen recognized by Jo-1 antibodies which occur in 33% of patients with polymyositis and dermatomyositis. Jo-1 antibodies indicate an increased risk for lung involvement, and the disease tends to take a severe course with poor response to therapy.
Keywords	Histidyl-tRNA synthetase; Jo-1