



Human Intrinsic Factor [His] (DAG4870)

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

PRODUCT INFORMATION

Species	Human
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	WB
Molecular Weight	44 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	Circulating antibodies against gastric intrinsic factor (IF) are highly specific and of high diagnostic relevance for pernicious anemia. Two types of clinically important autoantibodies can be measured: (i) so-called blocking antibodies which prevent the binding of vitamin B12 to the IF molecule; they are present in >50% of all patients with Biermer anemia; (ii) other types of antibodies to IF may interfere with the binding of the IF-Vit B12 complex to the ileal receptor and are less common and sensitive.
Keywords	Intrinsic factor; IF; Gastric mucosa