



## Human Intrinsic Factor [His] (DAG4870)

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

### PRODUCT INFORMATION

<b>Species</b>	Human
<b>Purity</b>	>80% as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	WB
<b>Molecular Weight</b>	44 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	50 µg
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

### BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	Intrinsic factor; IF; Gastric mucosa