

High purity Intrinsic Factor for the detection of Vitamin B₁₂

Intrinsic Factor – Product Information Sheet

February 2015

Key Benefits

+ Supply security

Fully manufactured by BBI Solutions at our Blaenavon site, ensuring control over manufacturing processes and supply chain.

+ High Purity

Intrinsic Factor has a purity of >95% ensuring optimal performance in your assay.

+ Proven Performance

Porcine Intrinsic Factor works in a range of immunoassay formats.

+ High Quality

Manufactured under a Quality System compliant with ISO 9001:2008 with stringent QC analysis for every batch.

What is pernicious anaemia?

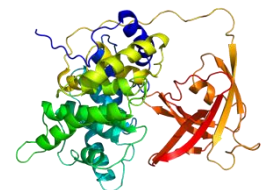
Intrinsic factor is primarily used in the diagnosis of pernicious anaemia, a condition caused by a vitamin B₁₂ deficiency. Prevalence in the general population varies from around 3% - 5%, and increases dramatically to 5% - 20% among people older than 65 years.

The role of Intrinsic Factor in diagnosis

Intrinsic factor has a high affinity and specificity to vitamin B₁₂, which makes it ideal for use in immunoassays. Most commercial assays utilise a competitive binding technique generating a chemiluminescent signal. Commercial assays can usually detect to a level of ~50 pg/ml vitamin B₁₂.

Why choose BBI for your supply?

BBI is the only commercial manufacturer of high purity Intrinsic Factor. BBI's porcine Intrinsic Factor is manufactured in the UK, under a quality system compliant with ISO 9001:2008. Using our expertise in raw material sourcing & protein purification we achieve exceptional purity, making BBI the supplier of choice.



Order your evaluation sample today

sales@bbisolutions.com or +44 (0) 2920 767 499

Product Code

IF1

Product Details

Intrinsic Factor | >95% pure by size exclusion chromatography

Product Specification

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Purity	>95% by size exclusion chromatography
Source	Porcine stomach sections
Presentation	Supplied as a solution in R/O water

FAQ's

What assays can it be used in?

BBI's Intrinsic Factor is designed to be used in enzyme immunoassays for vitamin B₁₂.

Will the buffer interfere with the assay?

No. The product is supplied in R/O water, which is preservative free to eliminate any interferences.

How is the purity tested?

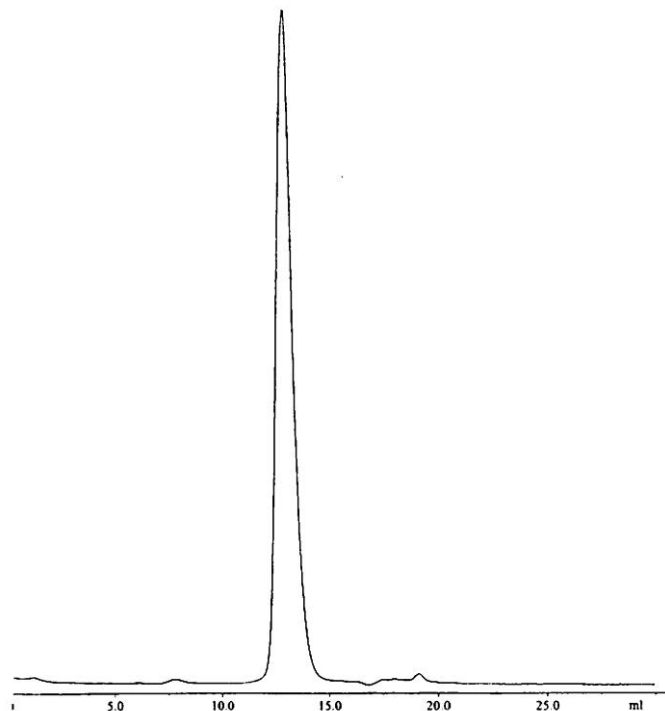
The product purity is tested by SEC using a Superose 12 column.

How should the material be stored?

Intrinsic Factor should be stored between -10°C and -25°C.

Product Analysis

Size Exclusion Chromatography, demonstrating a purity of >95%.



New Product now available

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