

FERRITIN

Specificity	Human Ferritin
Host Species	Mouse

RECOMMENDED PAIRS

MAB290P self-pairs, functioning as both capture and detector antibody

Application	Sandwich ELISA
Target Marker	The iron storage protein, ferritin, can be found throughout the cells and tissues of the human body. Serum ferritin levels are typically low if iron deficiency is present and are increased in the presence of acute or chronic inflammation. Measurement of ferritin levels in serum is commonly performed for the clinical diagnosis of iron deficiency.
References	Garcia-Casal, M. N., Peña-Rosas, J. P., Urrechaga, E., Escanero, J. F., Huo, J., Martinez, R. X., & Lopez-Perez, L. (2018). Performance and comparability of laboratory methods for measuring ferritin concentrations in human serum or plasma: A systematic review and meta-analysis. PloS one, 13(5), e0196576. doi:10.1371/journal.pone.0196576.

WHY CHOOSE BBI'S ANTIBODIES?

Maximise your chances of developing a successful ferritin assay:

- + The antibody clone is used as a self pair in commercialised bioMérieux assays – proven performance
- + Manufactured in-house at BBI for security of supply
- + cGMP production and quality management for increased batch-to-batch consistency
- + Suite of reagents for your ferritin assay needs

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Characterisation

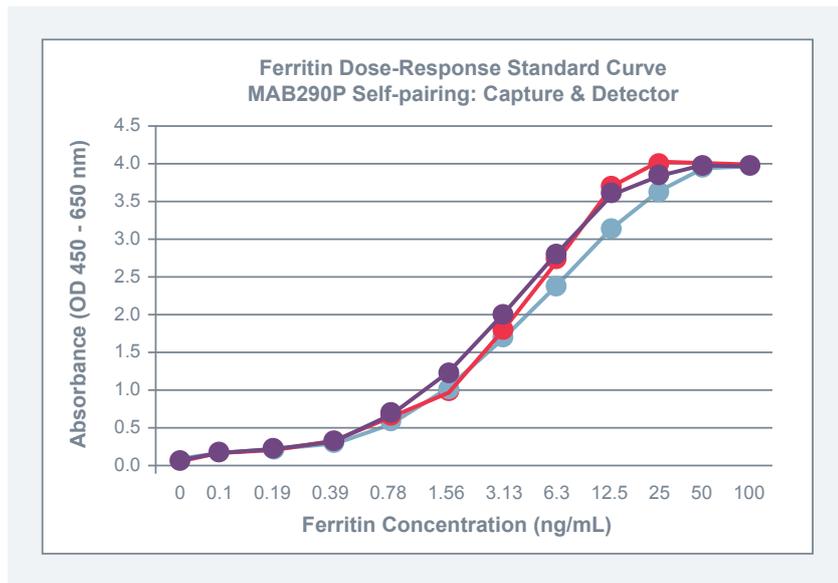
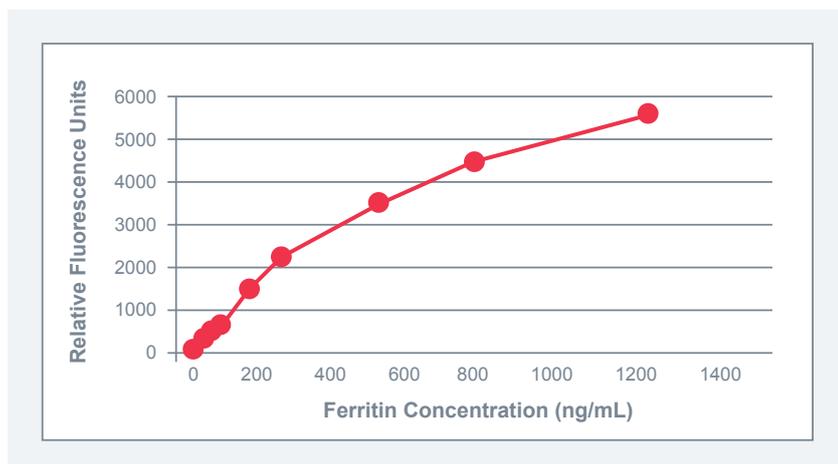


Figure 1: A colourimetric sandwich ELISA demonstrating sensitive detection of human liver ferritin (BBI code P103-7). Data generated using three lots of antibody. MAB290P (clone B8) was used both as the capture antibody and as the biotinylated detector antibody.

Lot 1 — Lot 2 — Lot 3 —

Use in assays



Clone B8 has been successfully used in commercialised bioMérieux immunoassay products*, as both the capture and detector antibody.

* VIDAS® and/or VIKIA® and/or BIONEXIA®

Figure 2: A Fluorescence Immunoassay standard curve prepared using B8 as both the Capture and Detector antibody (self-pairing) in an optimised assay format showing quantitative detection of Ferritin.

Pack sizes

1mg, bulk amounts available on request.

ORDERING DETAILS - USE THE FOLLOWING CODES WHEN ORDERING

Product	Code	Description
Ferritin Monoclonal Antibody	MAB290P	Self-pairs: used as capture and detector, in Sandwich ELISA
Ferritin Monoclonal Antibody	BM210-P3A8	Suitable for use as detector antibody in ELISA
Ferritin Rabbit Polyclonal Antibody	BP230-3	Suitable for use in ELISA

Related products

Liver Ferritin Antigen	P103-7	Concentrated pure liquid preparation in Tris buffer
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