

Bimagrumab ELISA Kit

SKU: GXEL00168 | Assay: Quantitative ELISA (Colorimetric)

The Bimagrumab ELISA Kit (SKU: GXEL00168) is a high-sensitivity quantitative ELISA for the quantitative measurement of Bimagrumab in Plasma, Serum. The assay covers a detection range of 125 - 4, 000 ng/mL with a sensitivity of 97.28 ng/mL and is read colorimetrically at 450 nm.

Background: Bimagrumab is a monoclonal anti-ActRIIA/IIB antibody that targets ActRIIA and ActRIIB simultaneously. Native ActRIIA and ActRIIB are both mediators of signaling from several TGF β superfamily members such as activins, myostatin, and GDF11. Hence, pan-blockade by Bimagrumab achieves greater effect than a monoclonal antibody against either receptor alone, i.e. monotherapy with anti-ActRIIA antibody or anti-ActRIIB antibody. Bimagrumab has been explored as a therapy for sporadic inclusion body myositis, primary sarcopenia, and muscle wasting associated with chronic obstructive pulmonary disease.

Specifications

Product Name	Bimagrumab ELISA Kit
SKU	GXEL00168
Accession	P27037 & Q13705
Alternative Names	BYM338, 1356922-05-8
Assay Type	Quantitative
Detection Method	Colorimetric
Sensitivity	97.28 ng/mL
Detection Range	125 - 4, 000 ng/mL
Recovery	80-120%
Sample Types	Plasma, Serum
Storage	2-8°C. See Storage & Stability.
Note	For Research Use Only. Not for diagnostic procedures.

Storage & Stability

When the kit was stored at the recommended temperature for 6 months, the signal intensity decreased by less than 20%. For unopened kits, if you want to prolong the storage time, please store the Standard, Detection A, Detection B and Microplate at -20 °C, the rest reagents should be store at 4°C. Store at 2-8°C on receipt; avoid repeated freeze-thaw cycles.

Assay Genie Ltd, 25 Windsor Place, Dublin 2, D02 VY42, Ireland | +353 1 563 9720 | www.assaygenie.com | techsupport@assaygenie.com
 Datasheet: <https://store-h68l9z2lnx.mybigcommerce.com/content/Technical%20Manuals/ELISA/GXEL/GXEL00168.pdf> | Version 1.0, 09 July 2026