

Ranibizumab ELISA Kit

SKU: GXEL00132 | Assay: Quantitative ELISA (Colorimetric)

The Ranibizumab ELISA Kit (SKU: GXEL00132) is a high-sensitivity quantitative ELISA for the quantitative measurement of Ranibizumab in Plasma, Serum. The assay covers a detection range of 234.4 ng/mL - 15, 000 ng/mL and is read colorimetrically at 450 nm.

Background: Ranibizumab is a monoclonal antibody fragment (Fab) created from the same parent mouse antibody as bevacizumab. Ranibizumab was developed by Genentech and is marketed in the United States by Genentech and elsewhere by Novartis, under the brand name Lucentis. Ranibizumab is used to treat wet age-related macular degeneration (AMD; an ongoing disease of the eye that causes loss of the ability to see straight ahead and may make it more difficult to read, drive, or perform other daily activities). It is also used to treat macular edema after retinal vein occlusion (an eye disease caused by blockage of blood flow from the eye that leads to blurry vision and vision loss), diabetic macular edema (an eye disease caused by diabetes that can lead to vision loss), and diabetic retinopathy (damage to the eyes caused by diabetes). It inhibits angiogenesis by inhibiting Vascular endothelial growth factor A (VEGF-A), and its effectiveness is similar to that of bevacizumab. Its rates of side effects also appear similar. However, ranibizumab typically costs \$2, 000 a dose, while the equivalent dose of bevacizumab typically costs \$50.

Specifications

Product Name	Ranibizumab ELISA Kit
SKU	GXEL00132
Accession	P15692
Alternative Names	Fab-12 variant Y0317, RhuFab, 347396-82-1
Assay Type	Quantitative
Detection Method	Colorimetric
Detection Range	234.4 ng/mL - 15, 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/GXEL00132.pdf> | Version 1.0, 09 July 2026