

Camidanlumab ELISA Kit

SKU: GXEL00052 | Assay: Quantitative ELISA (Colorimetric)

The Camidanlumab ELISA Kit (SKU: GXEL00052) is a high-sensitivity quantitative ELISA for the quantitative measurement of Camidanlumab in Plasma, Serum. The assay covers a detection range of 0.31-5 µg/mL with a sensitivity of 0.156 µg/ml and is read colorimetrically at 450 nm.

Background: Camidanlumab tesirine is an antibody-drug conjugate against CD25, an antigen expressed in several malignancies, including acute lymphoblastic leukemia (ALL) and acute myeloid leukemia (AML). This open-label, dose-escalation and -expansion study (NCT02588092) assessed the safety, activity, pharmacokinetics (PK), and immunogenicity of camidanlumab tesirine in patients with relapsed/refractory ALL/AML. A total of 35 patients (34 AML and 1 ALL) were enrolled and received camidanlumab tesirine intravenously at 3-92 µg/kg once every three weeks (Q3W, n = 26) or 30 or 37.5 µg/kg every week (QW, n = 9). One dose-limiting toxicity of maculopapular rash occurred in the 30 µg/kg QW group; the maximum tolerated dose was not reached. No additional safety concerns or adverse events (AEs) of interest were identified. The most common (>10 % of patients) Grade ≥3 treatment-emergent AEs were febrile neutropenia (25.7 %), lymphopenia, neutropenia, thrombocytopenia or fatigue (all 14.3 %), pneumonia, increased gamma-glutamyltransferase, and hypophosphatemia (each 11.4 %). No signal for serious immune-related AEs such as Guillain-Barré syndrome/polyradiculopathy was observed and there was no evidence of immunogenicity. PK showed rapid clearance with apparent half-life <2 days for conjugated and total antibody, suggesting that Q3W dosing may be insufficient for therapeutic efficacy, and prompting exploration of a QW schedule. Two patients achieved complete responses with incomplete hematologic recovery; one each at 30 and 37.5 µg/kg QW. The trial was terminated during dose escalation due to programmatic reasons other than safety. Hence, recommended dose was not determined.

Specifications

Product Name	Camidanlumab ELISA Kit
SKU	GXEL00052
Accession	P01589
Alternative Names	ADCT-301(unconjugated), HuMax-TAC-ADC, 921618-45-3
Assay Type	Quantitative
Detection Method	Colorimetric
Sensitivity	0.156 µg/ml
Detection Range	0.31-5 µg/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

The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 10% prior to the expiration date under appropriate storage condition. 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/GXEL00052.pdf> | Version 1.0, 09 July 2026