

## Zagotenemab ELISA Kit

Catalogue No.: abx395058

Zagotenemab ELISA Kit is a quantitative ELISA kit for detection of Zagotenemab.

Zagotenemab is a humanized anti-tau antibody derived from MCI-1, Peter Davies' mouse monoclonal antibody against an early pathological conformation of tau. Zagotenemab binds and neutralizes soluble tau aggregates. Preclinical studies in tau transgenic mice showed that immunotherapy with MCI-1 reduced levels of hyperphosphorylated insoluble tau levels and neurofibrillary pathology (Chai et al., 2011). At the 2017 AAIC meeting, Lilly presented data from surface plasmon resonance binding and ELISA assays to assess LY3303560's selectivity to aggregates over monomer and characterize its epitope. LY3303560 reportedly had high affinity to soluble tau aggregate in vitro, at a KD of below 220 picomolar, compared to monomer, KD of 235 nanomolar. The antibody reportedly recognizes a conformational epitope whose primary epitope is in tau's N-terminal region. Intravenous administration to monkeys indicated clearance of 0.15 ml/h/kg and a half-life of 13 days. SC administration indicated a bioavailability of 79 percent, and rat CSF concentration was 0.1 percent of plasma at 24 hours after IV administration (Alam et al., 2017).

**Target:** Zagotenemab

**Research Area:** Biosimilars

**Reactivity:** Human

**Tested Applications:** ELISA

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Storage:** Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

**Validity:** The validity for this kit is 6 months.

**Stability:** The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.

**Test Range:** 312.5 ng/ml - 20000 ng/ml

**Sensitivity:** < 61.6 ng/ml

**Standard Form:** Lyophilized

**Detection Method:** Colorimetric

**Assay Type:** Competitive

# Datasheet

Version: 3.0.0

Revision date: 17 Jun 2025



**Assay Data:** Quantitative

**Sample Type:** Serum and plasma.

**CAS Number:** 2019133-28-7

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

The range and sensitivity is subject to change. Please contact us for the latest product information.

For accurate results, sample concentrations must be diluted to mid-range of the kit. If you require a specific range, please contact us in advance or write your request in your order comments.

Please note that our kits are optimised for detection of native samples, rather than recombinant proteins. We are unable to guarantee detection of recombinant proteins, as they may have different sequences or tertiary structures to the native protein.

For Reference Only