

Cetuximab(Erbix®) Pharmacokinetic ELISA Catalog EL-1611-031 Product Specifications Data Sheet

The Cetuximab PK ELISA kit is designed to measure cetuximab in serum or plasma with high specificity and sensitivity. This sandwich ELISA design employs a Cetuximab specific monoclonal antibody for capture and a specific monoclonal antibody for detection.



Detection method

Colorimetric; absorbance at 450 nm with reference absorbance at 620 nm.

Storage and stability

Store the unopened kit at -20 °C for up to 1 year.

Safety warnings and precautions

All chemicals should be considered potentially hazardous. We recommend that this product and its components be handled by those trained in laboratory techniques and be used according to the principles of Good Laboratory Practice.

Precision

Precision was determined by analyzing 6 replicates of serum spiked with 500ng/mL Cetuximab on 6 different occasions. Intra-assay coefficient of variation (CV) ranged from 4% CV to 8%. Inter-assay CV was 12%.

Detection limit

We recommend diluting samples 1/100 before applying to the plate. This ELISA is able to detect Cetuximab in diluted serum down to concentrations of <2ng/ml.

Recovery

1000ng/mL of Cetuximab was spiked in 10 lots of human serum. Recovery ranges are from 91-113% with an average recovery of 106%.

Each kit includes:

- Coated microtiter plate, 96 wells (1x8 strips)
- Calibrator diluent
- Calibrator (200 ug/mL)
- 10X wash buffer
- Assay buffer
- 1000X detection reagent
- TMB
- TMB stop solution
- Plate sealers

Ordering information

Please visit www.affinityimmuno.com to order this product. Visa, Mastercard, AMEX and PayPal are accepted in our online store.

Your order will be processed immediately and you will be notified with a delivery timeframe.