

Rituximab(Rituxan®) Pharmacokinetic ELISA Catalog EL-1611-181 Product Specifications Data Sheet

The Rituximab PK ELISA kit is designed to measure Rituximab in serum or plasma with high specificity and sensitivity. This sandwich ELISA design employs a Rituximab 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 1000ng/mL Rituximab on 6 different occasions. Intra-assay coefficient of variation (CV) ranged from 2% to 6%. Inter-assay CV was 9%.

Detection limit

We recommend diluting samples 1/50 before applying to the plate. This ELISA is able to detect Rituximab in diluted serum down to concentrations of <5ng/ml.

Recovery

1000 ng/mL of Rituximab was spiked in 10 lots of human serum. Recovery ranges are from 92-117% with an average recovery of 94%.

Each kit includes:

- Coated microtiter plate, 96 wells (1x8 strips)
- Calibrator diluent
- Calibrator (1000 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.