

Cetuximab - (Erbix[®]) – PK ELISA

Cat# SB-07-015A

For the quantitative determination of cetuximab in human serum and plasma.

Description	Sandwich enzyme immunoassay. Plate is coated with an anti-cetuximab antibody.
Detection Method	Colourmetric
Storage	Kit ships at 2 to 8°C. Multiple storage temperatures upon arrival.
Calibrator	Cetuximab
Assay Range	7500 to 156 ng/mL
Sensitivity	156 ng/mL.
Precision	Intra-assay precision ranges from 4 to 11%. Inter-assay mean precision is 13%. Determined by analysis of samples at 156 ng/mL in 6 replicates, on 6 different occasions.
Accuracy	Determined by analyzing three levels of quality control samples in 6 replicates on 6 different occasions. The Mean %bias is ≤ 20%.
Total Error	Calculated by adding the mean %bias with inter-assay variability (%CV). The Total Error is ≤ 20%
Interpretation of Results	A calibration curve is constructed by plotting the absorbance values on a 4-point parameter fit curve. Concentration of cetuximab in test samples is interpolated from the calibration curve.
Safety Warnings and Precautions	All reagents and samples should be handled as if potentially hazardous and infectious. It is recommended that all kit reagents are handled by trained laboratory staff and are used in accordance with GLP.