

Bevacizumab - (Avastin®) – PK ELISA

Cat# SB-07-041

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

Description	Sandwich enzyme immunoassay.
Detection Method	Colourmetric
Storage	Kit ships at 2 to 8°C. Multiple storage temperatures upon arrival.
Calibrator	Avastin®
Assay Range	5000 to 50 ng/mL
Sensitivity	50 ng/mL.
Precision	Intra-assay precision ranges from 4 to 11%. Inter-assay mean precision is 13%. Determined by analysis of samples at 50 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 bevacizumab 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.