



User's Manual

Insulin Aspart ELISA Kit PK



DEIABL215-1



2x96T



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

Creative Diagnostics

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PRODUCT INFORMATION

Intended Use

For the quantitative determination of Insulin Aspart in human serum and plasma

Storage

Kit ships at 2 to 8°C. Multiple storage temperatures upon arrival.

Performance Characteristics

Accuracy:

Determined by analyzing three levels of quality control samples in 6 replicates on 6 different occasions. The Mean %bias is $\leq 20\%$.

Precision

Intra-assay precision ranges from 5 to 9%. Inter-assay mean precision is 11%. Determined by analysis of samples at 20 $\mu\text{U/mL}$ in 6 replicates, on 6 different occasions.

Detection Range

3-100 $\mu\text{U/mL}$

Sensitivity

3 $\mu\text{U/mL}$

Specificity

Insulin 100 %

C-peptide < 0.1 %

Proinsulin 54 %

Insulin lispro 102 %

Insulin aspart 100 %

Insulin determir 25 %

Insulin glargine 45 %

Insulin glulisine 111 %

Rat insulin 75 %



Mouse insulin 54 %

Porcine insulin 71 %

Ovine insulin 108 %

Bovine insulin 48 %