



User's Manual

Rosiglitazone ELISA Kit



DEIA-BY060



1 Kit (96T), 1 Pack (96T×5), 1 Pack (96T×50)





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

Rosiglitazone ELISA (Enzyme-Linked Immunosorbent Assay) kit is intended for the quantitative determination of Rosiglitazone residue in hypoglycemic functional foods.

General Description

Rosiglitazone (trade name Avandia) is an antidiabetic drug in the thiazolidinedione class. It works as an insulin sensitizer, by binding to the PPAR in fat cells and making the cells more responsive to insulin. It was patented in 1987 and approved for medical use in 1999. Despite rosiglitazone's effectiveness at decreasing blood sugar in type 2 diabetes mellitus, studies showed apparent associations with increased risks of heart attacks and death.(Chen, X., et al., 1996)

Storage

The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended below. Store the unopened product at 2 - 8 °C. Do not use past expiration date.

Precision

<10%

Sensitivity

1.0889 ng/mL

Specificity

Rosiglitazone (RSG) 100%

Troglitazone (TLT) <5%

Glibenclamide (INN) <5%

Glipizide (GLI) <5%

Gliclazide (GLZ) <5%

Metformin (MFM) <5%

Recovery

96.58-101.68%



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