



User's Manual

Chlorpheniramine ELISA Kit

REF

DEIA-BY057



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



RUO

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

Chlorpheniramine ELISA (Enzyme-Linked Immunosorbent Assay) kit is intended for the quantitative determination of Chlorpheniramine residue in herbal tea.

General Description

Chlorpheniramine is a drug in the class of first-generation antihistamines and works by blocking the H1 receptor, used to help alleviate symptoms of allergic reactions potentiated by histamine release. Though it is included in many multisymptom over-the-counter cold relief medications, the Food and Drug Administration (FDA) issued a safety alert in March 2011 detailing some risks associated with these medications. The adverse effects include drowsiness, dizziness, confusion, constipation, anxiety, nausea, blurred vision, restlessness, decreased coordination, dry mouth, shallow breathing, hallucinations, irritability, problems with memory or concentration, tinnitus and trouble urinating. (Hall, E. J., et al., 2014)

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

<15%

Sensitivity

0.98 ng/mL

Specificity

Chlorpheniramine 100%

Diphenhydramine <1.8%

Loratadine <1.8%

Terfenadine <1.8%

Astemizole <1.8%

Cetirizine <1.8%

Recovery

80-120%