



## User's Manual

# Sildenafil ELISA Kit



**DEIA-BY061**



**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.

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### Creative Diagnostics

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## PRODUCT INFORMATION

### Intended Use

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

### General Description

Sildenafil is a medication used to treat erectile dysfunction and pulmonary arterial hypertension. In clinical trials, the most common adverse effects of sildenafil use included headache, flushing, indigestion, nasal congestion, and impaired vision, including photophobia and blurred vision. It is illegal to add sildenafil to commercial functional foods and the unregulated intake of Sild may affect human health. (Viagra- sildenafil citrate tablet, film coated. 2020; Seftel, A. D., 2017)

### 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%

### Detection Range

0.15-1.83 ng/mL

### Sensitivity

0.53 ng/mL

### Specificity

Sildenafil 100%

Hydroxyhomo sildenafil 82.81%

Vardenafil 60.92%

Acetildenafil 50.48%

Tadalafil <5%

### Recovery

80-120%