



User's Manual

Octylphenol ELISA Kit



DEIA-BY071



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

Bisphenol S ELISA (Enzyme-Linked Immunosorbent Assay) kit is intended for the quantitative determination of Bisphenol S residue in milk.

General Description

Octylphenol is an industrial chemical. It is used as stabilizer in rubber for production of tyres and in insulation lacquer for electrical components in for example engines, transformers, sealants, pressure paints, and raw material for paints. Octylphenol may form as a degradation product of alkylphenol ethoxylates. There are no natural sources of octylphenols and their ethoxylates in the environment. One important source of octylphenols to the aquatic environment is emissions from wastewater treatment plants. Octylphenols are toxic to aquatic organisms. Exposure to octylphenols causes severe eye and skin irritation. The substance is poisonous if ingested and may affect fertility and cause harm to the unborn child.

Storage

Store the unopened product at 2 - 8 °C. Do not use past expiration date.

The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended below.

Detection Range

16-451 ng/mL

Sensitivity

76 ng/mL

Specificity

Octylphenol 100%

4- Nonylphenol <5%

5- Tert-butylphenol <1%

p-Ethylphenol <1%

p-Methylphenol <1%

4- Tert-octylphenol <1%

3- (p-Hydroxyphenyl) propionic acid <1%

p-Hydroxybenzoic acid <1%

4- aminobenzoic acid <1% Phenol <1%

4- Chlorophenol <1%

4- Aminophenol <1%

Recovery

79.53-96.47%