

# dsRNA-Pseudouridine-U (Standard)

DD3436



Version 24.1

## 01/Product Overview

Double-stranded RNA (dsRNA), which is a type of RNA with a complementary strand, similar to DNA found in cells. dsRNA makes up the genome of some viruses (double-stranded RNA viruses). Double-stranded RNAs such as viral RNA or siRNA are able to promote RNA interference in eukaryotic cells and elicit an interferon response in vertebrates. This standard is formed in vitro by T7 RNA polymerase in vitro by annealing after transcription using a DNA sequence with a T7 promoter as a template and four NTPs (ATP, GTP, CTP, Pseudouridine-UTP) as substrates.

## 02/Product Component

| Component                                    | DD3436-02   |
|--|-------------|
| dsRNA-Pseudouridine-U (Standard) (300 ng/ml) | 200 $\mu$ l |

## 03/Buffer

Buffer: 20 mM Tris-HCl, 10 mM EDTA, 100 mM NaCl, pH 7.0

## 04/Storage Condition

Store at  $-30 \sim -15^{\circ}\text{C}$  and transport at  $\leq 0^{\circ}\text{C}$ .

Please store in separate packages before use to avoid repeated freezing and thawing.

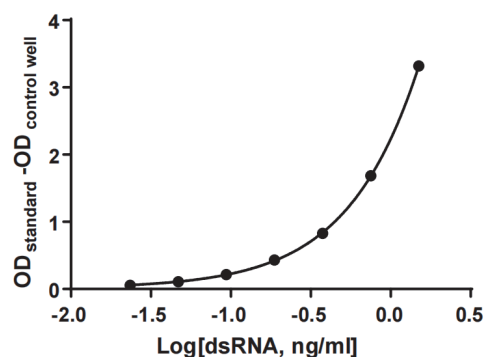
## 05/Period of Validity

One year

## 06/Appliance

Suitable for use with sandwich ELISA standards with recommended pairs:

- 1.Standard: DD3436, dsRNA-Pseudouridine-U (Standard)
- 2.Capture: DD3509EN-01, Anti-dsRNA antibody (Capture)
- 3.Detector: DD3509EN-01, Anti-dsRNA antibody (Mouse IgM) (Detector)



The dsRNA reference test range is: 0.046-1.5 ng/ml

## 07/Notes

This product is intended for scientific research use only, and should not be used for clinical medical diagnosis or other non-reasonable means.

For Research Use Only. Not for use in diagnostic procedures.