



## User's Manual

# Chicken OVA(Ovalbumin) ELISA Kit



DEIA-NS2307-23



96T



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

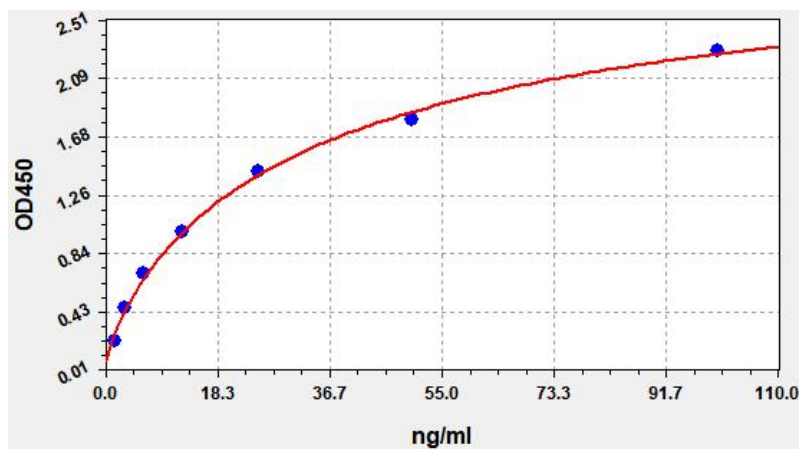
### Intended Use

In vitro quantitative determination of OVA concentrations in serum, plasma, cell culture supernatant and other biological samples.

### Storage

2-8 °C for 6 months

### Typical Standard Curve



### Precision

Intra-Assay: CV<8%

Inter-Assay: CV<10%

### Detection Range

1.563-100ng/ml

### Sensitivity

< 0.938ng/ml

### Linearity

Dilute the sample with a certain amount of OVA at 1:2, 1:4 and 1:8 to get the recovery range

| Sample              | 1:2     | 1:4     | 1:8     |
|---------------------|---------|---------|---------|
| Serum(n=5)          | 85-101% | 82-85%  | 83-88%  |
| EDTA Plasma(n=5)    | 81-100% | 87-100% | 85-101% |
| Heparin Plasma(n=5) | 91-101% | 87-101% | 82-99%  |

## Recovery

Add a certain amount of OVA into the sample. Calculate the recovery by comparing the measured value with the expected amount of OVA in the sample.

| Matrix              | Recovery Range (%) | Average (%) |
|---------------------|--------------------|-------------|
| Serum(n=5)          | 85-97              | 94          |
| EDTA Plasma(n=5)    | 88-97              | 96          |
| Heparin Plasma(n=5) | 86-103             | 92          |