

## Datasheet for ABIN4881455 **Interleukin 17a ELISA Kit**

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### Overview

|              |                         |
|--------------|-------------------------|
| Quantity:    | 96 tests                |
| Target:      | Interleukin 17a (IL17A) |
| Reactivity:  | Cow                     |
| Method Type: | Sandwich ELISA          |
| Application: | ELISA                   |

### Product Details

|                    |                                                                                                                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:           | Custom Bovine IL-17A ELISA Kit.                                                                                                                                                                                                                                              |
| Sample Type:       | Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate                                                                                                                                                                                                          |
| Analytical Method: | Quantitative                                                                                                                                                                                                                                                                 |
| Detection Method:  | Colorimetric                                                                                                                                                                                                                                                                 |
| Specificity:       | The antibody pair provided in this kit recognizes Bovine IL-17A                                                                                                                                                                                                              |
| Characteristics:   | <ul style="list-style-type: none"><li>• Strip plates and additional reagents allow for use in multiple experiments</li><li>• Quantitative protein detection</li><li>• Establishes normal range</li><li>• The best products for confirmation of antibody array data</li></ul> |
| Components:        | <ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li><li>• Wash Buffer</li><li>• Stop Solution</li><li>• Assay Diluent(s)</li><li>• Lyophilized Standard</li><li>• Biotinylated Detection Antibody</li></ul>                                      |

## Product Details

- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

## Target Details

Target: Interleukin 17a (IL17A)

Alternative Name: IL-17A ([IL17A Products](#))

Gene ID: 282863

UniProt: [Q687Y7](#)

## Application Details

Sample Volume: 100 µL

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards as instructed in the manual.
2. Add 100 µL of standard or sample to each well.
3. Incubate 2.5 h at RT or O/N at 4 °C.
4. Add 100 µL of prepared biotin antibody to each well.
5. Incubate 1 h at RT.
6. Add 100 µL of prepared Streptavidin solution to each well.
7. Incubate 45 min at RT.
8. Add 100 µL of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50 µL of Stop Solution to each well.
11. Read at 450 nm immediately.

Restrictions: For Research Use only

# Handling

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|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage:         | -20 °C                                                                                                                                                                                                                           |
| Storage Comment: | The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C. |
| Expiry Date:     | 6 months                                                                                                                                                                                                                         |