

## CD Rat Insulin Assay

**Catalog Number:** AK1432

| Catalog Number 2 | Size          | Price in USD                   |
|------------------|---------------|--------------------------------|
| AK1432-1         | 1 plate size  | <a href="#">Online Inquiry</a> |
| AK1432-2         | 5 plate size  | <a href="#">Online Inquiry</a> |
| AK1432-4         | 25 plate size | <a href="#">Online Inquiry</a> |

### Product Information

|                    |   |
|--------------------|---|
| Product Name       | CD Rat Insulin Assay  |
| Description        | The CD platform offers validated components that can be combined to create high quality assays quickly and easily. The CD Rat Insulin Assay has the essential components for an assay that measures Insulin in a single-analyte format. For information on multiplexing Insulin with other analytes, please see CD Custom Metabolic Group 1 (rat) Assays. Related Key Terms: INS, IDDM, MODY, MEN1, metabolic diseases, metabolic syndrome, diabetes, blood sugar, beta cells, glucose, metabolism, T1D, proinsulin |
| Applications       | Metabolic   |
| Analytes           | Insulin   |
| Species            | Rat   |
| Instruments        | SECTOR Imager 2400 , SECTOR Imager 6000 , MESO QuickPlex SQ 120 , MESO QuickPlex SQ 120MM , MESO SECTOR S 600 , MESO SECTOR S 600MM   |
| Sensitivity        | 3.0 $\mu$ IU/mL   |
| Dynamic Range      | 3.0 - 5,500 $\mu$ IU/mL   |
| Sample Type        | Cell Culture Media, EDTA Plasma, P800 Plasma, Serum   |
| Gene ID            | 24505   |
| UniProt ID         | P01322  |
| Schedule B Code    | 3002.15.0100  |
| Plate Type         | 96-well   |
| Usage              | For Research Use Only. Not for use in diagnostic procedures.  |
| Storage Conditions | Multi-Component   |

### Kit Contents

#### AK1432-1

| Product Description | Storage | Quantity per Kit |
|---------------------|---------|------------------|
|---------------------|---------|------------------|

| Kit Contents                                       |         |                      |
|--|---------|----------------------|
| Calibrator 19                                      | 2-8 °C  | 1 vial(1 vial)       |
| MSD GOLD 96 Small Spot SA Plate Pack, SECTOR Plate | 2-8 °C  | 1 each(1 plate)      |
| Diluent 100  | 2-8 °C  | 1 bottle(50 mL)      |
| Diluent 11   | ≤-10 °C | 1 bottle(10 mL)      |
| Diluent 13   | ≤-10 °C | 1 bottle(10 mL)      |
| MSD GOLD Read Buffer B                             | RT      | 1 bottle(18 mL)      |
| Aprotinin  | 2-8 °C  | 1 vial(50 µL)        |
| CD Mouse/Rat Insulin Antibody Set                  | 2-8 °C  | 1 each(1 plate size) |

#### AK1432-2

| Product Description                                | Storage | Quantity per Kit     |
|--|---------|----------------------|
| Diluent 11   | ≤-10 °C | 1 bottle(50 mL)      |
| Aprotinin  | 2-8 °C  | 1 vial(250 µL)       |
| MSD GOLD Read Buffer B                             | RT      | 1 bottle(90 mL)      |
| Diluent 13   | ≤-10 °C | 1 bottle(50 mL)      |
| Diluent 100  | 2-8 °C  | 1 bottle(50 mL)      |
| MSD GOLD 96 Small Spot SA Plate Pack, SECTOR Plate | 2-8 °C  | 5 each(1 plate)      |
| Calibrator 19                                      | 2-8 °C  | 5 vial(1 vial)       |
| CD Mouse/Ra Insulin Antibody Set                   | 2-8 °C  | 1 each(5 plate size) |

#### AK1432-4

| Product Description                                | Storage | Quantity per Kit     |
|--|---------|----------------------|
| CD Mouse/Ra Insulin Antibody Set                   | 2-8 °C  | 5 each(5 plate size) |
| Calibrator 19                                      | 2-8 °C  | 25 vial(1 vial)      |
| MSD GOLD 96 Small Spot SA Plate Pack, SECTOR Plate | 2-8 °C  | 25 each(1 plate)     |
| Diluent 100  | 2-8 °C  | 5 bottle(50 mL)      |
| Diluent 11   | ≤-10 °C | 5 bottle(50 mL)      |
| Diluent 13   | ≤-10 °C | 5 bottle(50 mL)      |
| MSD GOLD Read Buffer B                             | RT      | 5 bottle(90 mL)      |
| Aprotinin  | 2-8 °C  | 5 vial(250 µL)       |