

## Datasheet for ABIN2535139 **ITGA6 ELISA Kit**

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### Overview

|                          |                        |
|--------------------------|------------------------|
| Quantity:                | 96 tests               |
| Target:                  | ITGA6                  |
| Reactivity:              | Human                  |
| Method Type:             | Sandwich ELISA         |
| Detection Range:         | 0.156 ng/mL - 10 ng/mL |
| Minimum Detection Limit: | 0.156 ng/mL            |
| Application:             | ELISA                  |

### Product Details

|                    |                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:           | <p>Human Integrin Alpha 6 ELISA Kit is a sandwich ELISA kit for use with Tissue homogenates, cell lysates and other biological fluids. This assay has high sensitivity and excellent specificity for detection of Integrin Alpha 6 (ITGa6)</p> <p>No significant cross-reactivity or interference between Integrin Alpha 6 (ITGa6) and analogues was observed.</p> |
| Sample Type:       | Cell Lysate, Tissue Homogenate                                                                                                                                                                                                                                                                                                                                     |
| Analytical Method: | Quantitative                                                                                                                                                                                                                                                                                                                                                       |
| Detection Method:  | Colorimetric                                                                                                                                                                                                                                                                                                                                                       |
| Specificity:       | This assay has high sensitivity and excellent specificity for detection of Integrin Alpha 6 (ITGa6)                                                                                                                                                                                                                                                                |
| Sensitivity:       | < 0.057 ng/mL                                                                                                                                                                                                                                                                                                                                                      |

### Target Details

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Target:           | ITGA6                                                                             |
| Alternative Name: | Integrin alpha 6 (ITGa6) (ITGA6 Products)                                         |
| Pathways:         | CXCR4-mediated Signaling Events, Brown Fat Cell Differentiation, Integrin Complex |

### Application Details

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | <p>Stability: The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5 % within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p> <p>Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.</p> <p>Standard Form: Lyophilized</p> |
| Comment:           | <p>The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. - minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p>                                                                                                                                                     |
| Plate:             | Pre-coated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

### Handling

|                  |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| Storage:         | 4 °C/-20 °C                                                                           |
| Storage Comment: | Upon receipt, store the kit according to the storage instruction in the kit's manual. |
| Expiry Date:     | 6 months                                                                              |