



## Amino Acid Content Assay kit

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Animal liver and kidney are the main organs of amino acid metabolism, so the changes of amino acid in urine can best reflect the physiological state of liver and kidney. In addition, amino acids can also respond to burns and typhoid fever. The content of amino acids in plants is of great significance to the study of nitrogen metabolism changes in plants under different conditions and at different growth and development periods, as well as nitrogen absorption, transportation, assimilation and nutritional status of plants.

The alpha-amino group of amino acids can react with ninhydrin to produce a blue-violet compound with a characteristic absorption peak at 570 nm; the amino acid content is calculated by measuring the absorbance at 570 nm.

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|-------------------|----------------------------------------|
| Catalog No.       | 250157                                 |
| Size              | 50 Assays / 100 Assays                 |
| Product Category  | Colorimetric Assay                     |
| Detection Method  | Spectrophotometry / Micro-Plate Reader |
| Storage/Stability | 2-8°C/1 year                           |
| Shipping          | Gel Packs                              |