

## Pro Total Protein for Plant Tissues Extraction Kit

Pro Total Protein Extraction Kit for Plant Tissues

CATALOG #  
**AAA332525**

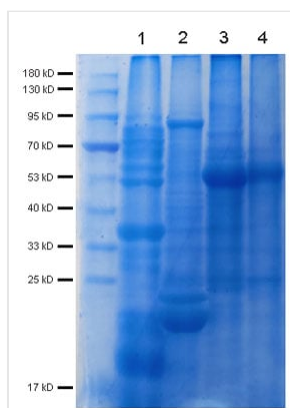
### PRODUCT SYNONYMS

Pro Total Protein for Plant Tissues; Pro Total Protein Extraction Kit for Plant Tissues; Total Protein; Total Protein Extraction; Column method; Centrifuge tube; centrifugal column; Extraction Kit; protein extrate; Protein Extraction; Pro Total Protein for Plant Tissues extraction kit

### PRODUCT SPECIFICATIONS

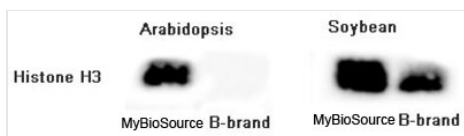
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|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Samples</b>                 | Plant tissues (leaves, seeds, soft stems and roots)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Usage Notes</b>             | <ol style="list-style-type: none"> <li>1. Protease inhibitors are not necessarily added, but if downstream experiments take longer or are preserved for longer periods after protein extraction, it is advisable to add protease inhibitors. Protein concentration was determined by BCA method, but not by Bradford method. To study protein phosphorylation, phosphatase inhibitors should be added to the lysis buffer before use.</li> <li>2. Before WB, still mix the sample and loading buffer to boiling.</li> <li>3. The Plastic Rod is reusable, rinse thoroughly with deionized water, and dry it with paper towel.</li> <li>4. If the protein concentration is low, increase the weight of tissues or reduce the volume of Denaturing Cell Lysis Buffer.</li> <li>5. Partial tissues that is not completely lysed will not affect the quality of the sample.</li> </ol> |
| <b>Preparation and Storage</b> | Store at room temperature for 12 months.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### IMAGES



#### SDS\_PAGE

Fig 4. Plant protein profiles extracted by denaturing cell lysis buffer (AAA332525). Extracted proteins were separated in 12% SDS-PAGE and stained with coomassie blue .Lane 1, soybean; Lane 2, maize; Lane 3, spinach; Lane 4, Arabidopsis.



#### Application Data

Fig 2. Total proteins were extracted from different plants (Arabidopsis, Soybeans). Lane left, proteins extracted by Assay Kits. Lane right, proteins extracted by B-brand Assay Kits. After blocking, incubate with primary antibody (1:5000), incubate secondary antibody (1:10000), Chemiluminescence .



#### Application Data

Fig 3. Total proteins were extracted from different plants (Oryza, Arabidopsis). Lane left, proteins extracted by Assay Kits. Lane right, proteins extracted by B-brand Assay Kits. After blocking, incubate with primary antibody (1:5000), incubate secondary antibody (1:10000), Chemiluminescence .



#### Application Data

Fig 1. Total proteins were extracted from different plants (Oryza, Arabidopsis). Lane left, proteins extracted by Assay Kits. Lane right, proteins extracted by B-brand Assay Kits. After blocking, incubate with primary antibody (1:5000), incubate secondary antibody (1:10000), Chemiluminescence .

ADDITIONAL INFORMATION

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Pro Total Protein for Plant Tissues extraction kit | Principle of the Assay: ExKine™ Pro Plant Tissue Total Protein Extraction Kit (column method) is a new generation of ultra-fast protein extraction tool. More and more evidences show that the most commonly used RIPA buffer may lead to random loss of protein, resulting in many difficult data that are difficult to explain. ExKine™ Pro Total Protein Extraction Kit uses centrifugal column extraction technology combined with optimized lysis buffer to extract total protein more quickly and effectively, without grinding in liquid nitrogen, making WB results more accurate. It takes only 2-8 min to extract the total protein from 50-200 mg plant tissues by using a centrifuge tube column. The yield can reach 2-8 mg/mL. This kit is suitable for other applications such as SDS-PAGE and WB. |
| Product Categories/Family for Pro Total Protein for Plant Tissues extraction kit   | <a href="#">Sampling Kit</a> ; <a href="#">Protein Extraction</a> ; <a href="#">Protein</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/extraction-kits/pro-total-protein-for-plant-tissues/332525>