

## Peroxidase Assay Kit | Ep assay kit

Peroxidase assay kit (Colorimetric method)

CATALOG #  
**AAA172718**

### PRODUCT SYNONYMS

Peroxidase; Peroxidase assay kit (Colorimetric method); Ep assay kit

### PRODUCT SPECIFICATIONS

|                         |                                            |
|-------------------------|--------------------------------------------|
| Sequence Length         | 352                                        |
| Samples                 | Plant tissue samples                       |
| Detection Range         | 0.5-40 U/mL                                |
| Sensitivity             | 0.5 U/mL                                   |
| Intra-assay Precision   | Intra-assay CV is 3.8 %                    |
| Inter-assay Precision   | Inter-assay CV is 5.5 %.                   |
| Preparation and Storage | Store at 2-8 degree C. Valid for 12 months |

### ADDITIONAL INFORMATION

|                                              |                                                                                                                                                                                                                                                                                       |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Ep assay kit | Principle of the Assay: The peroxidase can catalyze the decomposition of H <sub>2</sub> O <sub>2</sub> and produce water and oxygen. And oxygen oxidized pyrogalllic acid to form yellow product. The activity of peroxidase can be calculated by measuring the absorbance at 420 nm. |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                               |                |
|-------------------------------|----------------|
| NCBI GI #                     | 351723793      |
| NCBI GeneID                   | 548068         |
| NCBI GenBank Nucleotide #     | NM_001251386.1 |
| NCBI Official Full Name       | peroxidase     |
| NCBI Official Symbol          | Ep             |
| NCBI Official Synonym Symbols | SPOD4.1        |
| NCBI Protein Information      | peroxidase     |

**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/assay-kits/peroxidase/172718>