

## FPA Assay Kit (Visible Spectrophotometry)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder -20°C for 3 years  
In solvent -80°C for 2 years

Actual storage temperature shall be subject to the COA.

### Biological Description

Description

Cellulase is a multi-component enzyme system produced by microorganisms that hydrolyzes cellulose  $\beta$ -1,4-glycosidic bonds to produce glucose. Filter Paper Activity (FPA) refers to the hydrolysis of filter paper to generate reducing sugars. FPA reflects the total enzyme activity resulting from the synergistic action of three hydrolytic enzymes: exoglucanase, endoglucanase, and  $\beta$ -glucosidase, which form an inducible complex enzyme system. Studying FPA is highly significant for cellulase research.

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