Still using pNPP to detect phosphatase activity? It is time to switch over to SensoLyte™ assays!

AnaSpec introduces a series of FDP and MFP-based fluorimetric assays to facilitate your research needs in phosphatase measurement. These fluorimetric assays are 100 times more sensitive than their colorimetric counterparts, and have a wider dynamic range. The fluorescence signal can easily be detected using the popular green fluorescence filter (Excitation/Emission=490±20 nm/520±20 nm), and are in a convenient mix and read format, ideal for high throughput screening of phosphatase activities or inhibitors or high volume ELISAs.

**SensoLyte™ FDP Protein Phosphatase Assay Kit (cat# 71100):**
Highly sensitive. Ideal for assaying protein phosphatases which require pH $\geq 6.5$ for optimal activities.

**SensoLyte™ FDP Acid Phosphatase Assay Kit (cat# 71231):**
Highly sensitive. Ideal for measuring acid phosphatase activity in biological samples. MFP maintains its strong fluorescence in acidic buffer. Useful for continuous kinetic measurement.

**SensoLyte™ FDP Secreted Alkaline Phosphatase Reporter Gene Assay Kit (cat# 71108):**
Highly sensitive. It is ideal for measuring the activity of placental alkaline phosphatase, a popular reporter gene product in medium, serum, or cell lysate.

**SensoLyte™ pNPP Protein Phosphatase Assay Kit (cat# 71105)**
**SensoLyte™ pNPP Alkaline Phosphatase ELISA Assay Kit (cat# 71232)**
**SensoLyte™ pNPP Alkaline Phosphatase Assay Kit (cat# 71230)**
**SensoLyte™ pNPP Secreted Alkaline Phosphatase Reporter Gene Assay Kit (cat# 71233)**

**SensoLyte™ FDP Alkaline Phosphatase Assay Kit (cat# 71109):**
Highly sensitive. Ideal for measuring alkaline phosphatase activity in biological samples and for alkaline phosphatase-based ELISA assays (alkaline phosphatase conjugated secondary antibody is not included in this kit).

**SensoLyte™ FDP Alkaline Phosphatase ELISA Assay Kit (cat# 71101):**
Highly sensitive. Similar to cat# 71109, except alkaline phosphatase conjugated secondary antibody is included. Ideal for measuring alkaline phosphatase activity in alkaline phosphatase-based ELISA assays.

**SensoLyte™ MFP Protein Phosphatase Assay Kit (cat# 71104):**
Highly sensitive. Ideal for assaying protein phosphatases which require pH $< 6.5$ for optimal activities.

**SensoLyte™ MFP Acid Phosphatase Assay Kit (cat# 71231):**
Highly sensitive. Ideal for measuring acid phosphatase activity in biological samples. MFP maintains its strong fluorescence in acidic buffer. Useful for continuous kinetic measurement.

**SensoLyte™ MFP Phosphate Assay Kit (cat# 71103):**
Colorimetric assay. Can be combined with the phosphorylated peptide-based protein phosphatase assay to measure the activity of protein phosphatase. Widely used for measuring organic and inorganic phosphate existing in a variety of solutions.

We also provide cost-effective colorimetric assay kits for experiments requiring medium sensitivity.

**SensoLyte™ pNPP Protein Phosphatase Assay Kit (cat# 71105)**
**SensoLyte™ pNPP Alkaline Phosphatase ELISA Assay Kit (cat# 71232)**
**SensoLyte™ pNPP Alkaline Phosphatase Assay Kit (cat# 71230)**
**SensoLyte™ pNPP Secreted Alkaline Phosphatase Reporter Gene Assay Kit (cat# 71233)**

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