



## AMP Content HPLC Assay Kit

### Product Information

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#### Product Overview

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Adenosine monophosphate (AMP) is widely present in animals, plants, microorganisms, and cultured cells and is produced during incomplete ATP hydrolysis. AMP exhibits an absorption peak at 254 nm and can be quantified by high-performance liquid chromatography (HPLC). This kit provides extraction reagents, mobile phase components, and AMP standards for accurate HPLC-based quantification.

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#### Size

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50t/48s

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#### Storage

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Store at -20 °C. Shelf life: 6 months.

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**Detection method** HPLC

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#### Materials Required but Not Supplied

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HPLC system with C18 column (4.6 × 250 mm) and UV detector, centrifuge, pipettes, homogenizer, syringe filters (0.45 µm), amber vials, acetonitrile (HPLC grade), ultrapure water.

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