

# ATP Solution (0.5M)

Catalog # T1501-100, T1501-500

<b>Also Known as:</b>	Neutralized ATP solution
<b>Quantities:</b>	100 µL for T1501-100; 500 µL for T1501-500
<b>Components:</b>	ATP in water (neutralized)
<b>Purity:</b>	> 95%
<b>Concentration:</b>	0.5 M
<b>Quality Assurance:</b>	Validated by various TR-FRET ubiquitination assays.
<b>Description:</b>	Adenosine triphosphate (ATP) is dissolved in MilliQ water and neutralized with NaOH. A typical ATP concentration in protein ubiquitination reactions is at the range of 0.5 - 2 mM.
<b>Storage:</b>	Store at -20°C; Aliquot if needed; Avoid multiple freeze-thaw cycles.
<b>Notes:</b>	1) ATP and MgCl <sub>2</sub> are required for activation of UbE1 in ubiquitination reactions. 2) RELAY <sup>TR</sup> Ubiquitination Buffer (10X, Catalog # T1001) includes MgCl <sub>2</sub> .

