



# 10mM Lyophilized GTP

Applicable to:

602-9999 1 x 10mM vial of Lyophilized GTP (0.5ml per vial)

Release 1

14/12/2015

## Introduction

The lyophilized GTP vials from Innova Biosciences contain ultra-high quality GTP to ensure the lowest possible assay background.

\*Please note these vials are also supplied as part of the GTPase assay kit (602-0120, 602-0121, 602-0122).

## Components and storage

Vial of lyophilized GTP: Store at -20°C or -70°C.

## Preparation of reagents

### GTP substrate

Reconstitute the lyophilised GTP to 10mM concentration by adding the volume of H<sub>2</sub>O stated on the vial. **Note: This reconstitution volume is batch specific.** Keep the GTP on ice when not in use and snap freeze any surplus reagent (aliquot to avoid multiple freeze-thaw cycles) and store at -70°C.

## How to determine assay conditions

For more guidance on GTPase assay set up please refer to the enzyme guide, available on:

[www.innovabiosciences.com](http://www.innovabiosciences.com)

## Related products

**602-0120 GTPase assay kit (192 assays)**

**602-0121 GTPase assay kit (480 assays)**

**602-0122 GTPase assay kit (5 x 480 assays)**

The GTPase assay kits contain all reagents necessary for measuring GTPase activity. It also contains PiColorLock™ Gold (an improved malachite green reagent) with special additives to prevent backgrounds arising out of non-enzymatic GTP hydrolysis.

**303-0125 PiColorLock™ Gold**

The detection reagent from this kit is available separately and can be used to assay any Pi-generating enzyme.

**501-0015 PiBind™ resin**

PiBind™ resin can be used to eliminate Pi from water, buffers and protein samples.

**Technical support:**

**[technical.enquiries@innovabiosciences.com](mailto:technical.enquiries@innovabiosciences.com)**