

# 10mM Lyophilized GTP

Applicable to: 602-9999 0.5ml

Release 1. © EXPEDÉON. 19/06/2018

## INTRODUCTION

The lyophilized GTP vials from Expedeon 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 lyophilized 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.expedeon.com](http://www.expedeon.com)

## RELATED PRODUCTS

Description	Prod. Code
GTPase assay kit (192 assays)	602-0120
GTPase assay kit (480 assays)	602-0121
GTPase assay kit (5 x 480 assays)	602-0122
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	
PiColorLock™ Gold	303-0125
The detection reagent from this kit is available separately and can be used to assay any Pi-generating enzyme.	
PiBind™ resin	501-0015
PiBind™ resin can be used to eliminate Pi from water, buffers and protein samples.	

## TECHNICAL SUPPORT

For technical enquiries get in touch with our technical support team at: [www.expedeon.com/contact/](http://www.expedeon.com/contact/)

For further information see our website: [www.expedeon.com](http://www.expedeon.com)

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