

# Product Datasheet

## PiColorLock Gold Colorimetric Assay Kit 303-0030

Unit Size: 1 x 625/1560 Tests

Store at 4C. Do not freeze.

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



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/303-0030](http://www.novusbio.com/303-0030)

Updated 11/28/2016 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/303-0030](http://www.novusbio.com/reviews/destination/303-0030)



**303-0030****PiColorLock Gold Colorimetric Assay Kit**

<b>Product Information</b>	
<b>Unit Size</b>	1 x 625/1560 Tests
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Buffer</b>	Colorlock 635/1560 assays reagent is supplied with a phosphate standard solution.
<b>Product Description</b>	
<b>Description</b>	<p>PiColorLock phosphate detection reagent changes colour in the presence of inorganic phosphate (Pi). This can be exploited to measure any enzyme that generates Pi including ATPases, GTPases, phosphatases, heat-shock proteins and DNA unwinding proteins.</p> <p>The unique formulation of PiColorLock affords enhanced assay linearity, dynamic range and colour stability; it is also possible with PiColorLock to work with unstable substrates (e.g. ATP, GTP) that give high non-enzymatic background signals with other acidic dye-based detection reagents.</p> <p><b>FeaturesBenefits</b>Colorimetric assaySimple, scalable and non-radioactiveCompatible with almost any assay bufferFlexibility over a wide range of existing assaysStable reagent formulationLong shelf lifeUnique accelerator and stabilizerSpeeds up color developmentPiColorLock-Pi complex is very stableNo precipitation, results can be measured over several hours - ideal for HTSWide linear rangeNo inhibition of color development by high concentrations of protein</p>
<b>Notes</b>	PiColorlock® is a registered trademark of Innova Biosciences.



### **Novus Biologicals USA**

8100 Southpark Way, A-8  
Littleton, CO 80120  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Novus Biologicals Canada**

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### **Novus Biologicals Europe**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/303-0030](http://www.novusbio.com/reviews/submit/303-0030)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

