

# Certificate of Analysis

## Omnia® Ser/Thr Peptide 26 Kit, 1 Kit



**Part Number:** KPZ1261  
**Lot Number:** 1210366  
**Immediate Storage:** -20°C  
**Shipping Conditions:** blue ice

5791 Van Allen Way  
Carlsbad, CA 92008  
Phone: 760.603.7200  
Fax: 760.602.6500  
www.lifetechnologies.com

### Components:

Description	Composition	Quantity	Part Number	Lot Number
Omnia® Ser/Thr Reaction Buffer	10X Proprietary buffer, (pH 7.5) with 150 mM MgCl <sub>2</sub>	10 mL	KB001A	927511B
Omnia® Ser/Thr Peptide 26	1 mM Omnia® Ser/Thr Peptide 26, Ac-RRRQFSL(cSx)RKA-NH <sub>2</sub> , 1725.4 Da in Nanopure water.	220 µL	SP026A*	1123878A
DTT Solution	1M DTT in water.	1 mL	P2325	1081583A
ATP Solution	100 mM ATP in 20 mM Tris (pH 7.5)	1 mL	AS001A	1083970A

\*See individual COA

**Storage and Handling:** The performance of this product is guaranteed for 6 months from the date of purchase if stored and handled properly.

Description	Storage and Handling
Omnia® Ser/Thr Reaction Buffer	-20°C
Omnia® Ser/Thr Peptide 26	-20°C, protect from light. <b>Vortex before each use.</b>
DTT Solution	-20°C
ATP Solution	-20°C

### QUALITY ASSURANCE

#### Functional Testing:

Kit components are functionally tested for performance in the assay.

This product is sold under exclusive license from the Massachusetts Institute of Technology and is covered by patents 10/681,427 and 10/682,427.

OMNIA® is a registered trademark of Life Technologies Corporation.

Invitrogen™ is a trademark of Life Technologies Corporation.

These products may be covered by one or more Limited Use Label Licenses. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. O-091089 0110

All rights reserved. The trademarks mentioned herein are the property of Life Technologies Corporation or their respective owners.

**For research use only. Not intended for human or animal therapeutic or diagnostic use.**

For questions, please contact our Technical Support Team

N. Am Ph#: 800-955-6288 or INTL Ph#: 760-603-7200 Select option 5, ext. 40266 Email: [drugdiscoverytech@lifetech.com](mailto:drugdiscoverytech@lifetech.com)

Printed 15/Mar/2013 Version 1.0 Page 1

# Certificate of Analysis

## Omnia® Ser/Thr Peptide 26, 220 µL



**Part Number:** SP026A  
**Lot Number:** 1123878A  
**Immediate Storage:** -20°C  
**Shipping Conditions:** dry ice

5791 Van Allen Way  
Carlsbad, CA 92008  
Phone: 760.603.7200  
Fax: 760.602.6500  
[www.lifetechnologies.com](http://www.lifetechnologies.com)

**Description:** Omnia® Ser/Thr Peptide 26.

**Concentration:** 1 mM

**Typical Usage:**

In an Omnia® Assay, Omnia® Ser/Thr Peptide 26 is used at 10 µM in the 15 µL kinase reaction.

**Peptide Sequence:** Ac-RRRQFSL(cSx)RKA-NH<sub>2</sub>

**Molecular Weight:** 1725.4 Da.

**Storage and Handling:**

Store at -20°C. **Vortex before each use.** If properly stored at -20°C, this product is guaranteed for 6 months from date of purchase.

Protect from light.

**Storage Buffer:**

Nanopure water.

**Instrument Settings:**

Omnia® Ser/Thr Peptide 26 requires a fluorescence plate reader capable of reading fluorescence intensity measurements and an excitation filter at 360 nm and an emission filter at 485 nm. For instrument specific set-up information go to [www.invitrogen.com/instrumentsetup](http://www.invitrogen.com/instrumentsetup).

### QUALITY ASSURANCE

**Purity:**

95% chromatographic purity by HPLC.

**Peptide Concentration:**

1 mM ± 10% determined spectrophotometrically.

Tony Goossens, Engineer I, QA/QC

Date: 10/Feb/2012

This product is sold under exclusive license from the Massachusetts Institute of Technology and is covered by patents 10/681,427 and 10/682,427.

OMNIA® is a registered trademark of Life Technologies Corporation.

Invitrogen™ is a trademark of Life Technologies Corporation.

**Limited Use Label License: Research Use Only**

These products may be covered by one or more Limited Use Label Licenses. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. O-091089 0110

All rights reserved. The trademarks mentioned herein are the property of Life Technologies Corporation or their respective owners.

**For research use only. Not intended for human or animal therapeutic or diagnostic use.**

For questions, please contact our Technical Support Team

N. Am Ph#: 800-955-6288 or INTL Ph#: 760-603-7200 Select option 5, ext. 40266 Email: [drugdiscoverytech@lifetech.com](mailto:drugdiscoverytech@lifetech.com)