

Lot #XXXXXX

BostonBiochem™

## MATERIAL DATA SHEET

### 10X Ubiquitin Conjugation Reaction Buffer

Cat. # B-70

Ubiquitin Conjugation Buffer is formulated to support the charging of Ubiquitin by E1 activating enzymes (the first reaction in the Ubiquitin conjugation cascade). This buffer is similar in composition to 10X E3 Ligase Reaction Buffer (**B-71**), but contains a lower concentration of reductant for those enzymes that may be sensitive to elevated disulfide-reducing potential. Fully compatible with E1 and E2 enzyme activity, this buffer can be used to supplement the Ubiquitin-protein conjugation kit (K-960), Fraction II conjugation kits (K-930, K-935), and E3-ligase enzymes. Also compatible with deubiquitinating enzymes (DUBs).

Note: Does *not* contain ATP or MgCl<sub>2</sub>.

#### Product Information

**Stock:** 1ml x 5 vials (5ml total)

#### Use & Storage

**Use:** Dilute to 1X in final reaction.

**Storage:** Store at -20°C. Avoid multiple freeze/thaw cycles.

Rev: 5/6/2016

*For Laboratory Research Use Only, Not For Use in Humans*

840 Memorial Drive, Cambridge, MA 02139 Phone: 617-576-2210 FAX: 617-492-3565

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

The contents of this datasheet (unless otherwise noted) are Copyright © 2008 Boston Biochem, Inc. All rights reserved. Duplication in whole or in part is strictly prohibited without the express written consent of Boston Biochem, Inc. "Boston Biochem" is a Trademark of Boston Biochem, Inc., 840 Memorial Drive, Cambridge, MA 02139.