Erratum

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Erratum: Detergent Lysis of Tissue Culture Cells for Immunoprecipitation

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When the above protocol was published, multiple reagents in the Nonidet P-40 Lysis Buffer and RIPA Lysis Buffer recipes and/or their volumes and concentrations were incorrect. The publisher apologizes for any confusion related to these errors, which appear to have been inadvertently introduced when the protocol was formatted for publication. The PDF version of the protocol and the HTML versions of the Nonidet P-40 Lysis Buffer (doi: 10.1101/pdb.rec101410) and RIPA Lysis Buffer (10.1101/pdb.rec101428) recipes have been replaced with the corrected recipes shown below. The originally published versions of the recipes are also included.

CORRECTED RECIPES

Nonidet P-40 Lysis Buffer

Reagent	Final concentration
NaCl	150 mM
Nonidet P-40	1%
Tris (pH 8.0)	50 mM

Prepared Nonidet P-40 lysis buffer should be aliquoted and stored at -20°C . Add protease and/or phosphatase inhibitors to a thawed aliquot before immediate use. Discard and do not freeze again.

RIPA Lysis Buffer

Reagent	Final concentration
NaCl	150 mM
Nonidet P-40	1%
DOC	0.5%
SDS	0.1%
Tris (pH 7.4)	50 mM

Prepared RIPA buffer should be aliquoted and stored at -20°C . Add protease and/or phosphatase inhibitors to a thawed aliquot before immediate use. Discard and do not freeze again. One milliliter of buffer is sufficient to lyse approximately 5 million cells.

RECIPES AS ORIGINALLY PUBLISHED

Nonidet P-40 Lysis Buffer

Reagent	Volume per 10 mL of solution (v/v)	Final concentration
NaCl (150 mM)	0.66 mL	10 mM
Nonidet P-40 (1%)	0.1 mL	1%
Tris (50 mM, pH 7.4)	2 mL	10 mM
MgCl ₂ (10 mM)	3 mL	3 mM
ddH ₂ O	Add to 10 mL	

Prepared Nonidet P-40 lysis buffer should be aliquoted and stored at -20°C . Add protease and/or phosphatase inhibitors to a thawed aliquot before immediate use. Discard and do not freeze again.

RIPA Lysis Buffer

Reagent	Volume per 10 mL of solution (v/v)	Final concentration
NaCl (1 M)	1.5 mL	150 mM
Nonidet P-40 (1%)	0.1 mL	1%
Sodium deoxycholate (DOC) (0.5%)	0.05 mL	0.5%
SDS (0.1%)	0.01 mL	0.1%
Tris (50 mM, pH 7.4)	5 mL	25 mM
ddH ₂ O	Add to 10 mL	

Prepared RIPA buffer should be aliquoted and stored at -20°C . Add protease and/or phosphatase inhibitors to a thawed aliquot before immediate use. Discard and do not freeze again. This amount is sufficient for approximately 5 million cells per 1 mL of reagent.

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