



NT-UPF8640c

Uptima

## Bradford assays Compatibilities (Interfering substances)

Uptima CooAssays have excellent features over other Bradford assays (coomassie based), notably:

- sensitivity (=minimum protein detection level) > [See comparison](#)
- linearity of the signal (on which depends the accuracy of the quantitation) > [See comparison](#)
- compatibility (interfering substances) > See table below
- convenience of use

The technical notice presents the compatibility performances of several Bradford assays.

Following is a compilation of data obtained with different kits used according to their respective standard protocols. The indicated concentrations were found compatible (the signal and background shall not vary over 10%), but not presume of maximal compatibility. Furthermore, each compound/concentration may be affected by other substances, and different user may find different results with a same kit... Hence it is recommended to perform a control experiment to determine accurate compatibility in your own conditions.

### Table of compatibility

Kit	CooAssay UPF86400
Tested substance	
<b>Detergents</b>	
CHAPS	5%
SDS	0.04%
TRITON X100	0.10%
Tween20	0.06%
<b>Buffers</b>	
Glycine	100mM
Hepes	100mM
Hepes, sodium salt	100mM
Imidazole	200mM+
MOPS	100mM
PBS	0.125mM
Sodium Bicarbonate	0.1M
SodiumPhosphate	50mM
TBS	10%
Tris	1.5M
<b>Solvents</b>	
Acetone	1%.
Acetonitrile	5%-
Ethanol	10%+
Methanol	10%

Kit	CooAssay UPF86400
Tested substance	
<b>Buffer additives</b>	
Ammonium Sulfate	1M
Aprotinin	10mg/L
EDTA	100mM
Glucose	1M
<b>Glycerol</b>	
	<b>10%</b>
Hydrochloric acid	100mM+
Hydroxyde de sodium	100mM+
Phenol red	0.5mg/mL
Sodium Azide	1%
Thimerosal	0,01%
Sucrose	5%-
Urea	3M
Reducing agents	Quantitation
Cysteine	10mM
DTT	5mM

### Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask: Uptima / Interchim Hotline: +33 4 70 03 73 06

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