

ToxiLight™ 100% lysis reagent set

Safety

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* procedures.

The ToxiLight™ 100% lysis reagent is intended for use with ToxiLight™ non-destructive cytotoxicity assay (products LT07-117, LT07-217 and LT17-217). The ToxiLight™ 100% lysis reagent will provide a total adenylate kinase control when used in conjunction with the kits.

Intended use

- To produce a 100% adenylate kinase control when using the ToxiLight™ non-destructive cytotoxicity assay.
- The ToxiLight™ 100% lysis reagent should be included as a control at each time point within your cytotoxicity assay.
- After addition proceed with the ToxiLight™ assay according to the instructions in the ToxiLight™ non-destructive cytotoxicity assay kit.

Instructions for use

For research use only. Not for use in diagnostic procedures.

LT07-517 Kit contents sufficient for 200 assay points. Store contents at 2°C-8°C. Do not freeze.

Kit contents

- **ToxiLight™ 100% lysis reagent** (LT27-239). 1 x 10 ml bottle.
- **Tris acetate buffer** (LT27-003). 1 x 50 ml bottle.

The kit contents should be stored at 2°C-8°C.

Reagent storage

ToxiLight™ 100% lysis reagent (LT27-239)

This is provided ready for use. Store at 2°C-8°C when not in use.

Tris acetate buffer (LT27-003)

This is provided ready for use. Store at 2°C-8°C when not in use.

Instructions for use

Protocol for 96 well plate using recommended culture volume.

1. To achieve a total adenylate kinase control, add 50 µl of the ToxiLight™ 100% lysis reagent to 100 µl of the culture controls.
2. To the remaining wells, add 50 µl of tris acetate buffer. (This is a required volume correction to ensure that total volumes in sample and control wells are equal).
3. Incubate at room temperature for 10 minutes to ensure complete lysis.
4. Add 100 µl AK detection reagent to all wells and wait 5 minutes.
5. Read luminescence.

For other culture volumes use at a ratio of 1:2, ToxiLight™ 100% lysis reagent to cell culture sample volume. e.g. for a 384 well plate using the recommended sample volume of 25 µl add 12.5 µl of the ToxiLight™ 100% lysis reagent.

Care should be taken to avoid cross contamination of reagents with the ToxiLight™ 100% lysis reagent. Employ good laboratory practice at all times.