

Protein Expression Sample Preparation Kit



Insert PN 4405447 Rev. A
Printed in USA

For Research Use Only.
Not for use in diagnostic procedures.

Product

Product	Part number
Protein Expression Sample Preparation Kit	4405443

For safety and biohazard guidelines, refer to the “Safety” section in the *Protein Expression Sample Preparation Kit Protocol*. Read the MSDS and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Reagent characteristics

The Protein Expression Sample Preparation Kit contains the reagents required for the preparation of target and control cell lysates for use with TaqMan[®] Protein Expression Assay experiments. The **Cell Lysis Reagent** is a buffered detergent solution, which is combined with user-supplied protease and phosphatase inhibitors, and used to lyse adherent or nonadherent cultured cells under nondenaturing conditions. The **Cell Resuspension Buffer** is used to resuspend the cells before adding the lysis reagent and to dilute the lysates in preparation for the assay-binding step.

For more information on the Sample Preparation Kit or the TaqMan[®] Protein Expression Assays chemistry, see the *Protein Expression Sample Preparation Kit Protocol*.

Components and storage conditions

Part	Part number	Quantity	Storage
Cell Lysis Reagent, 2X	4405374	3 × 1 mL	2 to 8 °C
Cell Resuspension Buffer	4405377	1 × 25 mL	

When the components are stored at the recommended temperatures, this product maintains performance at least until the expiration date on the tube label.

Preparation for use

Before use, gently swirl or invert the **Cell Lysis Reagent** and **Cell Resuspension Buffer** to mix the reagents.

Usage guidelines

- See the *Protein Expression Sample Preparation Kit Protocol* for instructions on performing the cell lysis and preparing the lysates for the assay binding step.
- Prepare the **Cell Lysis Buffer** with protease and phosphatase inhibitors immediately prior to use. Discard any unused solution after 2 hours.
- After each use, store the protease and phosphatase inhibitor stock solutions at – 15 to– 25 °C.

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