

ReadiUse™ Mammalian Cell Lysis Buffer *5X*

Ordering Information

Product Number: 20012 (10 mL)

Storage Conditions

Store at 2-8 °C
Expiration date is 6 months from the date of receipt

Typical Assay Protocol

1. Warm up ReadiUse™ mammalian cell lysis buffer *5X* at room temperature before use.
2. Prepare 1X ReadiUse™ mammalian cell lysis buffer by adding **1 ml** of 5X Screen ReadiUse™ mammalian cell lysis buffer into **4 ml** of Mili-Q water, and mix them well.
3. The 1X ReadiUse™ mammalian cell lysis buffer (from Step 2) now is ready to use.
4. Treat cells as desired, wash plate with PBS to remove residual media.
5. The following table is the suggested volume for lysis adherent cells.

| Plate | 384-well | 96-well | 48-well | 24-well | 12-well | 6-well | 100 cm ² |
|--------|----------|---------|---------|---------|---------|--------|---------------------|
| Volume | 20 µL | 50 µL | 100 µL | 150 µL | 200 µL | 300 µL | 800 µL |

6. Lyse non-adherent cells by adding about 100 µL of 1X ReadiUse™ mammalian cell lysis buffer to 10⁶ cell pellet.
7. Incubate at room temperature for 10-20 min.
8. The cell lysate now is ready for further biochemical analysis.

Disclaimer: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact our technical service representative for more information.