

# PRODUCT DATA SHEET



**BML-UW0955**

**PolySUMO-Qapture kit**

## Product Number/Sizes

BML-UW0955-0001

1 Kit

## Product Specifications

KIT/SET CONTAINS:

**PolySUMO-Qapture matrix** (Prod. No. BML-UW0995)  
200µL settled resin provided, 50% suspension

**Control SUMOylated-protein lysate** (Prod. No. BML-UW0985)  
220 µg (110 µL), 2mg/mL in 50mM TRIS-Cl, pH 7.5, 150mM sodium chloride, 1% NP-40, 0.5% deoxycholate, 200mM iodoacetamide

**PolySUMO-Qapture elution buffer** (Prod. No. BML-UW1005)  
1mL

**SUMO-2/3, sheep polyclonal antibody** (Prod. No. BML-KW0510)  
10µL

**0.5mL Screw capped tube pack** (Prod. No. BML-UW0990)  
10 Tubes

APPLICATION:

For the isolation and enrichment of polySUMOylated proteins.

1. Capture and isolation of polySUMOylated protein conjugates from cell/tissue lysates of interest with subsequent detection and analysis by Western blotting.
2. Biochemical characterisation, secondary purification by substrate-specific immunoprecipitation, or identification of polySUMO modified proteins by proteomic analysis following release of free polySUMOylated proteins in their active/native form by specific elution from the affinity matrix..
3. Selective purification/pull down of polySUMOylated proteins from *in vitro* SUMOylation assays.

QUANTITY:

Sufficient for 10 binding assays.

SHIPPING:

SHIPPED ON DRY ICE

SHORT TERM STORAGE:

-80°C

LONG TERM STORAGE:

-80°C

USE/STABILITY:

PolySUMO-Qapture-T matrix should be stored at **4°C upon receipt**. All other components should be stored at 80°C to ensure stability and activity.

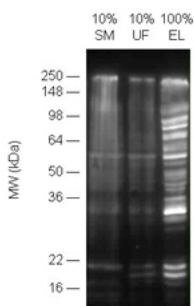
HANDLING:

Avoid freeze/thaw cycles.

## Background/Technical Information

For the Manual please click [here](#).

## Images



**Figure:** Western blot analysis of polySUMO-Qapture enrichment of lysate derived polySUMO modified proteins.

PolySUMO-Qapture experiment set-up and run as described in the manual in Capture / enrichment of polySUMOylated proteins . PolySUMO-conjugates present in Starting Material, Unbound Fraction and Elution Fraction were detected by Western blotting as described in Analysis by Western blotting , using the provided SUMO-2/3 (Prod. No. BML-UW0510) antibody at a dilution of 1:500.

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Capture of SUMO-protein conjugates from Control SUMOylated-protein lysate (Prod. No. BML-UW0985).

Key: SM = Starting Material, UF = Unbound Fraction and EL = Elution Fraction.

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