

**Product Data Sheet**

Product Name: RIPA Lysis Buffer (Strong)  
Cat. No.: GK10023

**Components**

Catalog No.	Components	100 mL	Storage
GK10023-R	RIPA Lysis Buffer (Strong)	100 mL	-20°C
GK10023-P	PMSF (100mM)	1 mL	-20°C

Stored at -20°C, and is stable for up to 12 months.

**Protocol**

**1. 实验步骤**

(1) 将RIPA Lysis Buffer和PMSF按照1:1的比例混合，即为RIPA Lysis Buffer (Strong) Cocktails。

(a) 将细胞放入PBS中，加入RIPA Lysis Buffer (Strong) Cocktails (150-250 uL)，孵育6 min (1-2 s)，离心2-10 min。

(b) 将细胞放入PBS中，加入RIPA Lysis Buffer (Strong) Cocktails (150-250 uL)，孵育6 min (1-2 s)，离心2-10 min (10000-14000g)。

(c) 将细胞放入PBS中，加入RIPA Lysis Buffer (Strong) Cocktails (100-200 uL)，孵育2-10 min (10000-14000g) (Lyticase)。

(2) 将细胞放入10000-14000g离心3-5 min，进行PAGE、WB、IP。

**2. 注意事项**

(1) 本产品仅供科研使用。

(2) 将RIPA Lysis Buffer (Strong)和PMSF按照1:1的比例混合，即为RIPA Lysis Buffer (Strong) Cocktails。

**Caution: Product has not been fully validated for medical applications. For research use only.**  
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com  
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Cocktails

(3) 20 mg 150-250 uL ( )

(4)

(5) 10000-14000g 3-5min PAGE WB IP

(1) 6 1 mL 150 uL 200 uL 250 uL 100 100 uL 2-4 mg/mL

(2) 20mg 200 uL 15-25mg/mL

(3)

(4) RIPA DNA DNA NF-kappaB p53

(5)

(6) 4°C

### Background

RIPA (Radio-Immunoprecipitation Assay) Lysis Buffer (Strong) is a lysis and washing buffer widely used in reporter gene detection, protein kinase experiments, immunoassays, and protein purification. The main components of RIPA Lysis Buffer (Strong) are 50 mM Tris (pH 7.4), 150 mM NaCl, 1% Triton X-100, 1% sodium deoxycholate, 0.1% SDS and general protease and phosphatase inhibitors (such as sodium orthovanadate and Sodium fluoride), can effectively inhibit protein degradation.

This product is suitable for cell or tissue samples of bacteria, fungi, animals and plants. The protein samples obtained by using this product can be used for conventional Western blotting (WB), immunoprecipitation (IP), coimmunoprecipitation, Co-IP) and Enzyme-Linked ImmunoSorbent Assay (ELISA) and other experiments.

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RIPA 50mM Tris pH7.4 150mM NaCl 1% Triton X-100 1% SDS 0.1% SDS

Western blotting WB IP Co-IP ELISA