

Immunoprecipitation Lysis Buffer

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Abstract

This lysis buffer is strong enough for lysis most cell lines and wild enough to keep protein interactions. It has been tested on mouse embryonic stem cells, cancer cell lines and overexpressed cells.

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Guidelines

Ingridients	Final Conc.	Volume	Stock Conc.
TrisHCl (PH8.0)	20 mM	100 ml	100 mM
NaCl	300 mM	30 ml	5 M
EDTA	0.5 mM	0.5 ml	500 mM
Na3VO4	1 mM	5 ml	100 mM
NaF	50 mM	50 ml	500 mM
NP-40	1 %	5 ml	
Triton-X100	1 %	5 ml	
H2O		304.5 ml	
Total		500 ml	

After mix, sterilize it by filter through 0.2 µm filter. Store at 4 °C. Add protease inhibitor cocktails just before using.

Materials

- Tris [View](#) by [P212121](#)
- Sodium fluoride [View](#) by [P212121](#)
- ✓ Sodium orthovanadate by Contributed by users
- Sodium chloride [View](#) by [P212121](#)
- ✓ Triton-X100 by Contributed by users
- ✓ NP-40 by Contributed by users
- ✓ Distilled Water by Contributed by users

Protocol