

SEP 23, 2023

# In vitro phosphatase assay

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#### **ABSTRACT**

This protocol describes in vitro phosphatase assay.

**ATTACHMENTS** 

756-1924.pdf

**MATERIALS** 

### Materials

- 6 well plates
- MnCl<sub>2</sub>



OPEN ACCESS

DOI:

dx.doi.org/10.17504/protocol s.io.ewov1qyepgr2/v1

**Protocol Citation:** Elias Adriaenssens 2023. In vitro phosphatase assay. **protocols.io** 

https://dx.doi.org/10.17504/protocols.io.ewov1qyepgr2/v1

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**Protocol status:** Working We use this protocol and it's working

Created: Jun 27, 2023

Last Modified: Sep 23,

2023

PROTOCOL integer ID: 84093

**Keywords:** In vitro phosphatase assay

Pierce™ Detergent Compatible Bradford Assay Kit **Thermo**Fisher Catalog #23246

Lambda Protein Phosphatase - 100,000 units **New England**Biolabs Catalog #P0753L

## Lysis buffer

	A	В
	HEPES pH 7.4	50 mM
	NaCl	150 mM
	MgCl <sub>2</sub>	2.5 mM
Γ	DTT	2 mM
	NP-40	0.50%
	protease inhibitor cocktail	

### In vitro phosphatase assay

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Seed HAP1 wild-type or FIP200 knockout cells in 6 well plates and grow until confluency.