

Materials List for:

# Chromatin Immunoprecipitation (ChIP) of Histone Modifications from *Saccharomyces cerevisiae*

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## Materials

Name	Company	Catalog Number	Comments
Yeast Extract	Research Products International (RPI)	Y20025-1000.0	
Peptone	Research Products International (RPI)	P20250-1000.0	
Dextrose	ThermoScientific	BP350-1	
Formaldehyde	Sigma-Aldrich	F8775	
Glycine	Fisher Scientific	AC12007-0050	
Tris	Amresco	0497-5KG	
EDTA	Sigma-Aldrich	E6758-500G	
NaCl	ThermoScientific	BP358-10	
4-Nonylphenyl-polyethylene glycol	Sigma-Aldrich	74385	Equivalent to NP-40
MgCl	ThermoScientific	S25533	
CaCl <sub>2</sub>	Sigma-Aldrich	20899-25G-F	
LiCl	ThermoScientific	AC413271000	
Sodium Dodecyl Sulfate	Amresco	M107-1KG	
Sodium Deoxycholate	Sigma-Aldrich	30970-100G	
Sodium Acetate	Sigma-Aldrich	S2889	
NaHCO <sub>3</sub>	ThermoScientific	S25533	
PMSF	Sigma-Aldrich	P7626-5G	
Yeast protease inhibitor cocktail	VWR	10190-076	
25 Phenol:24 Chloroform:1 Isoamyl Alcohol	VWR Life Science	97064-824	
Ethanol	Sigma-Aldrich	E7023	
Nuclease-Free Water	VWR	100720-992	
Micrococcal Nuclease	Worthington Biochemical	LS004797	
Glycogen	ThermoScientific	R0561	
Proteinase K	Research Products International (RPI)	P50220-0.1	
RNase A	Sigma-Aldrich	R6513-50MG	
Bradford Assay Reagent	ThermoScientific	23238	
BSA Standard 2 mg/mL	ThermoScientific	23210	
α H4	EMD Millipore	04-858	
α H4K16ac	EMD Millipore	ABE532	
α H3	Abcam	ab1791	
α H3K4me2	Active Motif	39142	

High Rox qPCR Mix	Accuris qMax Green, Low Rox qPCR Mix	ACC-PR2000-L-1000	
Protein A/G Magnetic Beads	ThermoScientific	88803	
magnetic stand for 1.5mL tubes	Fisher Scientific	PI-21359	
Acid-Washed Glass Beads	Sigma-Aldrich	G8772	
Microtube Homogenizer	Benchmark	D1030	
2.0 mL screw-cap tubes with sealing rings	Sigma-Aldrich	Z763837-1000EA	
Gel loading tips	Fisher Scientific	07-200-288	
Cuvettes	Fisher Scientific	50-476-476	
Parafilm	Fisher Scientific	13-374-10	
50 mL conical tubes	Fisher Scientific	14-432-22	
384-Well PCR Plate	Fisher Scientific	AB-1384W	
Gyratory Floor Shaker	New Brunswick Scientific	Model G10	
Spectrophotometer	ThermoScientific	ND-2000c	
Real-Time PCR Detection System	Bio-Rad	1855485	