

Materials List for:

Yeast As a Chassis for Developing Functional Assays to Study Human P53

Paola Monti¹, Bartolomeo Bosco², Sara Gomes³, Lucilia Saraiva^{*3}, Gilberto Fronza^{*1}, Alberto Inga^{*2}

¹Mutagenesis and Cancer Prevention Unit, Ospedale Policlinico San Martino

²Department CIBIO, University of Trento

³LAQV/REQUIMTE, Laboratory of Microbiology, Faculty of Pharmacy, University of Porto

*These authors contributed equally

Correspondence to: Alberto Inga at alberto.inga@unitn.it

URL: <https://www.jove.com/video/59071>

DOI: [doi:10.3791/59071](https://doi.org/10.3791/59071)

Materials

Name	Company	Catalog Number	Comments
L-Aspartic acid	SIGMA	11189	
QIAquick PCR Purification Kit	QIAGEN	28104	
L-Phenylalanine	SIGMA	78019	
Peptone	BD Bacto	211677	
Yeast ex+A2:C26tract	BD Bacto	212750	
Difco Yeast Nitrogen Base w/ o Amino Acids and Ammonium Sulfate	BD™	233520	
Lithium Acetate Dihydrate	SIGMA	517992	
Bacteriological Agar Type A	Biokar Diagnostics	A1010 HA	
G418 disulfate salt	SIGMA	A1720	
Ammonium Sulfate	SIGMA	A2939	
L-Arginine Monohydro-chloride	SIGMA	A5131	
Adenine Hemisulfate Salt	SIGMA	A9126	
Passive Lysis Buffer 5x	PROMEGA	E1941	
Bright-Glo Luciferase Assay System	PROMEGA	E2620	
5-FOA	Zymo Research	F9001	
D-(+)-Galactose	SIGMA	G0750	
L-Glutamic acid	SIGMA	G1251	
Dextrose	SIGMA	G7021	
L-Histidine	SIGMA	H8125	
L-Isoleucine	SIGMA	I2752	
L-Lysine	SIGMA	L1262	
L-Leucine	SIGMA	L8000	
L-Methionine	SIGMA	M2893	
PEG	SIGMA	P3640	
D-(+)-Raffinose Pentahydrate	SIGMA	R0250	
L-Serine	SIGMA	S4500	
L-Tryptophan	SIGMA	T0271	
L-Threonine	SIGMA	T8625	
Uracil	SIGMA	U0750	
L-Valine	SIGMA	V0500	