

Materials List for

## Malachite Green Assay for the Discovery of Heat-Shock Protein 90 Inhibitors

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## **Materials**

Name	Company	Catalog Number	Comments
1M Magnesium chloride solution in water	Sigma-Aldrich	63069-100ml	
1M Potassium chloride solution in water	Sigma-Aldrich	60142-100ml	
96-well plate	SPL Life Sciences	Not applicable	
Adenosine 5'-triphosphate disodium salt hydrate	Sigma-Aldrich	A7699-5G	
Biomek FX laboratory automation workstation	Beckman Coulter	Not applicable	
Compounds 3-96	Not applicable	Not applicable	Histidine tagged yeast Hsp90 was obtained from Dr. Chrisostomos Prodromou, School of Life Sciences, University of Sussex, United Kingdom, and protein was expressed in KIST Gangneung Institute of Natural Products. Details cannot be disclosed due to patent infringement issues.
Dimethyl sulfoxide	Sigma-Aldrich	D8418	
Geldanamycin, 99% (HPLC), powder	AK Scientific, Inc.	V2064	
Invitroge UltraPure DNase/RNase- Free Distilled Water	ThermoFisher Scientific	10977015	
Malachite Green Phosphate Assay Assay kit	Sigma-Aldrich	MAK307-1KT	
Multi-Detection Microplate Reader Synergy HT	Biotek Instruments, Inc.	Not applicable	
Synergy HT multi-plate reader	Biotek Instruments, Inc.	Not applicable	
Trizma hydrochloride buffer solution, pH7.4	Sigma-Aldrich	93313-1L	
Yeast Hsp90	Not applicable	Not applicable	School of Life Sciences, University of Sussex, United Kingdom and protein was expressed in KIST Gangneung Institute of Natural Products. Primary Accession number: P02829