

Materials List for:

A Quantitative Assay to Study Protein:DNA Interactions, Discover Transcriptional Regulators of Gene Expression, and Identify Novel Anti-tumor Agents

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Materials

Name	Company	Catalog Number	Comments
Poly dI/dC	GE Healthcare, Piscataway, NJ	US20539-5UN	1 U ~50mg
RUNX2 antibody	MBL International Corp., Woburn, MA	D130-3	1 mg/ml
Fab-specific peroxidase conjugated antibody	Sigma-Aldrich, St. Louis, MO	A9917	7.1 mg/ml
TMB Substrate (tetramethyl benzidine)	EXALPHA Biologicals, Shirley, MA	X1189S	100 ml
Sodium carbonate	Sigma-Aldrich, St. Louis, MO	57995	Plate-fixing
Sulfuric Acid	VWR, West Chester, PA	BDH-39922-1	Stop solution
Multi-well plates	Greiner Bio-One, Basel, Switzerland	655996	Avidin-coated, black sides
HALT	Thermo-Scientific/Pierce, Rockford, IL	78440	Protease and phosphatase inhibitors
Chemicals	Various manufacturers	Laboratory grade	
Table 1. Reagents			
Spectrophotometer: Biotrak II Visible plate reader	Amersham Biosciences		For use with stop reaction method
Spectrophotometer: Bio-Tek Synergy HT Multi-reaction microplate reader	Bio-Tek Instruments, Inc.		For use with continuous kinetic monitoring
Table 2. Equipment			