



# GENOMIC PRODUCTS\* PORTFOLIO OVERVIEW

## Advancing science is in our DNA

From the Human Genome Project to today's quest for precision medicine, we've long invested in providing genomic products that reduce complexity and improve productivity.

Our reagent portfolio is powered by Solid Phase Reversible Immobilization (SPRI) technology, widely known for use in our Agencourt AMPure XP, which uses paramagnetic beads to selectively bind nucleic acids by type and size. SPRI enables our chemistries to deliver high-performance isolation, purification and clean-up protocols supporting applications such as qPCR, Sanger sequencing, next-generation sequencing (NGS) and microarrays.

Our chemistries can be used interchangeably between manual methods and automated methods on Biomek liquid handlers, combining optimum performance with unprecedented flexibility.

### SOLUTIONS FOR:

- DNA Isolation
- RNA Isolation
- Total Nucleic Acid Isolation
- Purification & Clean-up

### SUPPORTED APPLICATIONS:

- Next-Generation Sequencing
- PCR/qPCR
- Sanger Sequencing
- Enzymatic post-reaction clean-ups





# Selection Guide

- Fully supported and validated
- Demonstrated, data generated, and/or supplemental protocol
- ▲ Customer evaluated, data generated

STARTING MATERIAL		TNA ISOLATION	DNA ISOLATION				RNA ISOLATION				PURIFICATION & CLEAN-UP			
		FormaPure Total	CosMCPrep	DNAdvance	FormaPure DNA	Genfind v2	FormaPure RNA	RNAdvance Blood	RNAdvance Cell v2	RNAdvance Tissue	AMPure XP	CleanSeq	RNAClean XP	SPRIselect
MAMMALIAN SAMPLES	Buccal Swabs			●		●								
	FFPE Tissue	■			■		■							
	FTA Cards/Blood Spots					●								
	Oragene™ Saliva Collection Tubes			●		▲								
	Norgen™ Saliva Collection Tubes			▲										
	Oracollect™ Saliva Collection Tubes					▲								
	Plasma					●		▲						
	Serum					■								
	Fresh or Frozen Tissue			■		●				■				
	Whole Blood					■		●						
	PAXGene Preserved Blood					●		■						
	Milk					▲								
	Saliva, Mouthwash					●								
CELL CULTURES	Adherent and Non-Adherent					●			■					
	Large Number of Cells (up to 4 million)					●								
	Primary Cells (i.e. PBMC)					●		●	■	●				
BACTERIA AND FUNGI	E. coli		■	●		●								
	Pseudomonas					●				●				
	Staphylococcus Aureus			●		●								
	Klebsiella Pneumoniae			●										
	Candida Albicans			●										
	Neurospora Intermedia									▲				
PLASMIDS	BACs, Cosmids, Fosmids		■											
VIRUS	HSV-2			▲										
	Chronic Hepatitis C Virus					▲		▲	▲					
OTHER SAMPLES	Avian Blood					▲								
	Insects (i.e. Drosophila)			●						▲				
	Fish (i.e. Zebra Fish)			▲		▲								
	Aquatic Invertebrates			▲										
NUCLEIC ACID SAMPLES	cDNA Synthesis											■		
	Dye Terminator Removal										■			
	In vitro Transcription											■	▲	
	NGS Library Construction Steps									■		▲	■	
	PCR Products									■				

**DON'T SEE WHAT YOU'RE LOOKING FOR?** Please contact your local genomics specialist with questions. Our products can be optimized for individual needs, and new protocols are developed regularly.



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