



### SNARe™ DNA Purification Systems offer a rapid, cost-effective method for isolating DNA.

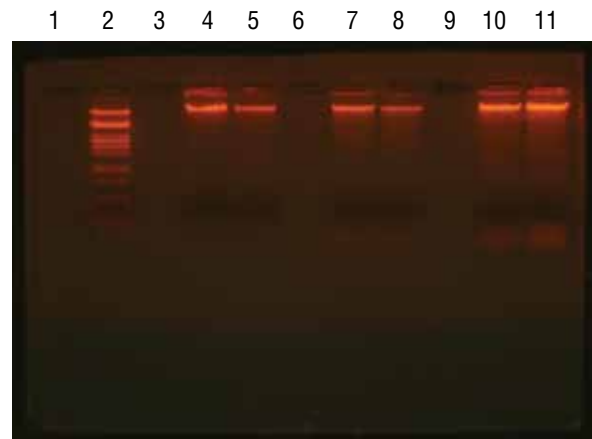
#### Description

SNARe DNA Purification Systems offer rapid, cost-effective methods for isolating DNA particles using DNA Separation Particles. DNA Separation Particles are a suspension of superparamagnetic iron oxide particles that bind double-stranded DNA. Once bound, the DNA-particle complex is stable and can be washed to remove any impurities or unwanted proteins from the sample to provide a clean DNA preparation. The DNA is eluted from the DNA-magnetic particle complex with an elution buffer and is ready for use in downstream reactions, such as PCR, labeling, sequencing, transfection, cloning, and restriction digest.

#### Advantages

SNARe (Simple Nucleic Acid Recovery) products are based on a new patent pending technology. SNARe offers the following advantages over other DNA purification methods:

- Easy-to-use procedure
- No need for columns or filters
- Eliminates repetitious centrifugation steps
- Reduces the time required for DNA purification
- Eliminates the use of toxic phenol/chloroform extraction of DNA
- Scalable - easily adjusts for sample size and automation
- DNA is immediately available for PCR, restriction digestion



*DNA Isolated from Whole Blood*

- Lane 1: Blank  
Lane 2: Molecular Weight Standards Lambda DNA PST-1  
Lane 3: NA  
Lane 4: Competitor Magnetic Separation Protocol  
Lane 5: Competitor Magnetic Separation Protocol  
Lane 6: NA  
Lane 7: SNARe™ DNA Purification System  
Lane 8: SNARe™ DNA Purification System  
Lane 9: NA  
Lane 10: SNARe™ DNA Purification System  
Lane 11: SNARe™ DNA Purification System

### SNARe™ Whole Blood Genomic DNA Purification System

Sample Source:	human whole blood or white blood cells
Volume of Sample:	50-200µL (as little as 5µL for PCR applications)
Format:	microcentrifuge tube
Number of Isolations per Kit:	100
Approximate Time Required:	~50 minutes for purification

### SNARe™ Plasmid DNA Purification System

Isolates:	plasmids and cosmids
Sample Size:	1-3mL
Format:	microcentrifuge tube
Number of Isolations per Kit:	100
Approximate Time Required:	<75 minutes for purification

### SNARe™ Plant Genomic DNA Purification System

Sample Source:	plant tissue
Sample Size:	50-100mg
Format:	microcentrifuge tube
Number of Isolations per Kit:	100
Approximate Time Required:	~90 minutes for purification

#### SNARe™ DNA PURIFICATION SYSTEMS

##### Cat. # Product Description

BP691	SNARe™ Whole Blood Genomic DNA Purification System
BP692	SNARe™ Plasmid DNA Purification System
BP693	SNARe™ Plant Genomic DNA Purification System



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