

Microparticle Applications

Applications and Uses

Particles	PS	CM	CM-BL	CM-RD	CM-Eu	SA-MP	MG-CM	MG-SA	MG-OL	MG-NA
Aerosol studies	•	•			•					
Affinity purification						•	•	•		•
Biotinylated PCR isolation								•		•
cDNA synthesis									•	
Cell isolation							•	•		•
Chemiluminescent assays		•				•	•	•		•
Cycle sequencing cleanup								•		
Biological transport studies					•					
Fluorescent-based assays					•					
Gene expression analysis							•	•	•	•
Genomic DNA isolation							•			
High sensitivity assays	•	•			•	•	•	•		•
Lateral flow assays			•	•	•	•				
Membrane-based assays	•	•	•	•	•	•				
mRNA isolation								•	•	•
Nephelometric assays	•	•				•				
Northern analysis									•	•
Nucleic acid sample prep						•	•	•	•	•
Plasmid DNA isolation							•			
Purify PCR product		•					•	•		•
Rapid assays			•	•	•	•				
RT-PCR								•	•	•
Size standards	•	•								
Slide agglutination assays	•	•	•	•						
Time-resolved fluorescent assays					•					
Turbidimetric assays	•	•				•				
Flow cytometry		•								
Filter challenge	•	•								
Cell surface markers					•					
Phagocytosis studies	•	•			•					
Pore size determination	•	•			•					
Biosensors		•					•	•	•	•
Genotyping							•	•	•	•
Molecular diagnostics							•	•	•	•
Proteomics/Genomics							•	•	•	•

Some product abbreviations typically used are:

CM..... Carboxylate-modified
 PS..... Polystyrene
 RD..... Red

MG-CM Magnetic carboxyl
 BL..... Blue
 MG-SA Magnetic streptavidin

MG-OL..... Magnetic oligo(dT)
 MG-NA..... Magnetic NeutrAvidin coated
 SA..... Streptavidin coated