



RNAi & Delivery

**Choose RNAi Method**

**miRNA**  
Isolation  
Profiling  
Function  
Target Identification

**MISSION<sup>®</sup> siRNA**  
Single genes,  
(Pre-designed  
or Custom)  
Panels / Libraries  
Controls

**MISSION<sup>®</sup> shRNA**  
Single Genes | Panels | Libraries  
Controls  
(DNA or Viral Format)

**Glycerol**

**DNA Preparation**  
Bacterial Media  
Carbenicillin  
DNA Purification  
Kits  
(mini, midi, maxi, giga)

**DNA**

**Viral Packaging**  
Packaging  
Plasmids  
Cell Culture

**Virus**  
Large Scale  
Capabilities

**Transfection**  
N-TER<sup>™</sup>  
Reagent

**Transfection**  
ESCORT<sup>™</sup>  
Reagents

**Transduction**  
Hexadimethrine  
Bromide  
ExpressMag<sup>™</sup>  
System

Cell Culture

**Cell Culture**  
Media / Sera  
Antibiotics  
Plasticware  
ECACC Cells  
Stem Cell Reagents

**RNAi Delivery to Target Cells**  
Cell Culture | Stem Cell Reagents | Selection (shRNA/optional)

Compounds (optional)

**Drug or Small Molecules (optional)**  
Pharmacologically Active Compounds | Apoptosis Inducers & Inhibitors | Cell Cycle Regulators | Chemopreventive Agents | Anti-tumor Agents

Detection & Assays

**mRNA Level Knockdown Detection**

**RNA Isolation Kits**

**qRT-PCR**  
Primers  
Probes  
qPCR Reagents

**Protein Level Knockdown Detection**

**Cell Lysis Reagents**

**Western Blots**  
Antibodies  
Markers  
Western Blot Reagents  
Protein Quantitation

**Mass Spectrometry**  
AQUA Peptides<sup>®</sup>

**Antibody Arrays**  
For protein expression profiling

**Phenotypic Assays**

Cell Biology  
Cell Signaling Assays  
Cell Proliferation  
Cell Cycle Stains & Dyes