



Reagents and Equipment for CodeLink™ Bioarray Assays

Reagents

Ambion MessageAmp™ II-Biotin Enhanced Single Round aRNA Amplification Kit (20 reactions), Catalog # AM1791 (or equivalent biotin incorporating amplification kit)

Absolute (100%) Ethanol (molecular biology grade or higher)

Streptavidin-Cy5 for Microarrays (AMI Cat# 28900224)

0.5% NEN Blocking reagent (PerkinElmer Cat. # FP1020)

Nuclease-free water

1M Tris-HCl, pH 7.6

5M NaCl

Tween-20

20X SSC (Ambion Cat. # 9763)

Isopropanol (to wash reagent container for TNT preparation)

General lab equipment and consumables

UV spectrophotometer

Pipettors (10-, 20-, 200-, and 100-ul)

Pipette tips: sterile, RNase-free and aerosol resistant

Vortex mixer

Microcentrifuge

Heat block or water bath (for 46°C, 50-55°C, 70°C, 90°C)

Air incubator (37°C, 42°C)

Refrigerated incubator (16°C)

Agilent™ bioanalyzer (or equivalent)

Innova 4080 shaking incubator (or equivalent)

CodeLink™ bioarray compatible scanner, such as:

GenePix™ 4000 Array Scanner

GenePix™ Personal 4100

Agilent™ G2565 microarray scanners

arrayWoRx®e microarray scanner

ScanArray™ Express scanners

GeneTAC™ UC4 Array Scanner

428™ Array Scanner

Centrifuge, 4-15°C (QIAGEN Corp, 81010 or similar) with appropriate centrifuge plate rotor, 2x96 (QIAGEN Corp. Cat. # 81031)

1.7ml microcentrifuge tubes, sterile and RNase-free

15ml and 50ml conical tubes, sterile and nuclease-free

Wide bore pipette tips, sterile, RNase-free and aerosol-resistant

Thermal cycler

Powder-free gloves

Equipment and consumables (CodeLink™-specific)

CodeLink™ Expression Analysis software (AMI Cat# 310035)

CodeLink™ Universal Shaker Kit, 12 slides (AMI Cat. # 310031)

CodeLink™ Parallel Processing Kit, 12 slides (AMI Cat. # 310010)

Microtiter plate lid, black (Corning Corp. Cat. # 3935)