



## Cytogenetics Reagent Kit

### Intended Use

The Cytogenetics Reagent Kit is for use with these arrays:

- Cytogenetics Array
- Cytogenetics Focused Array

This kit is supplied as three separate modules for storage at the correct temperature, and has been designed with simplicity and ease-of-use in mind.

This product is for research purposes only and is not intended for use in the diagnosis of disease.

### Cytogenetics Reagent Kit

The Cytogenetics Reagent Kit is available in two sizes:

- 24 sample kit
- 96 sample kit

Each kit consists of the 3 modules.

#### Module 1 — store at -20 deg C

- Cyto 10X Denat Soln (DS)
- Cyto 10X Neutral Soln (NS)
- Cyto Amplif Rxn Buffer
- Cyto Amplif Enzyme Mix
- Cyto 5X Frag and Label Buffer
- Cyto Frag and Label Enz Mix
- Cyto Hyb Buffer
- Control DNA Cytogenetics

#### Module 2 — store at 4 deg C

- Cyto Magnetic Beads
- Cyto Holding Buffer
- Cyto Stain Buffer 1
- Cyto Stain Buffer 2

#### Module 3 — store at room temperature

- Cyto Purif Wash Buffer
- Cyto Elution Buffer
- Cyto Water
- Cyto Wash Buffer A
- Cyto Wash Buffer B
- 96 sample kit only: two empty 500 mL bottles

### Instructions for Use

Refer to the *Affymetrix® Cytogenetics Assay User Manual* (P/N 702761) and set of Quick Reference Cards (P/N 702762) for instructions on genomic DNA preparation, hybridization, fluidics setup, and array scanning using this kit.

### Ordering Information

Product Name	Description	P/N
Cytogenetics Reagent Kit - 24 Sample	24 sample kit	901378
Cytogenetics Reagent Kit - 96 Sample	96 sample kit	901382

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### Precautions

1. AFFYMETRIX REAGENTS ARE FOR RESEARCH USE ONLY; NOT FOR DIAGNOSTIC PROCEDURES.
2. Avoid microbial contamination, which may cause erroneous results.
3. **WARNING: All biological specimens and materials with which they come into contact should be handled as if capable of transmitting infection and disposed of with proper precautions in accordance with federal, state, and local regulations. This includes adherence to the OSHA Bloodborne Pathogens Standard (29 CFR 1910.1030) for blood-derived and other samples governed by this act. Never pipet by mouth. Avoid specimen contact with skin and mucous membranes.**
4. **CAUTION:** Exercise standard precautions when obtaining, handling, and disposing of potentially carcinogenic reagents.
5. Exercise care to avoid cross-contamination of samples during all steps of this procedure, as this may lead to erroneous results.
6. Use powder-free gloves whenever possible to minimize the introduction of powder particles into sample or array cartridges.

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## Patents

Products may be covered by one or more of the following patents: U.S. Patent Nos. 5,445,934; 5,744,305; 5,945,334; 6,140,044; 6,261,776; 6,291,183; 6,346,413; 6,399,365; 6,420,169; 6,551,817; 6,610,482; 6,733,977; 6,955,915 and D430,024 and other U.S. or foreign patents. Products are manufactured and sold under license from OGT under 5,700,637 and 6,054,270.

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