

## Datasheet

### 5-Color FISH Probe (chromosome 13, 18, 21, X & Y)

**Catalog Number:** FM0003

**Regulatory Status:** For research use only (RUO)

**Product Description:** Labeled FISH probes for identification of prenatal chromosomal aberrations using Fluorescent In Situ Hybridization Technique. ([Technology](#))

**Origin:** Human

**Source:** Genomic DNA

**Probe 1:**

**Size:**

**Fluorophore:**

**Location:** CEN13q

Approximately 550kb

DEAC

13q12.11

**Probe 2:**

**Size:**

**Fluorophore:**

**Location:** CEN18q

Approximately 660kb

Cy5

18q11.2

**Probe 3:**

**Size:**

**Fluorophore:**

**Location:** CEN21q (DYRK1A Gene /Down syndrome

critical region)

Approximately 550kb

R6G

21q22.13

**Probe 4:**

**Size:**

**Fluorophore:**

**Location:** GENXp

Approximately 550kb

FITC

Xp11.23

**Probe 5:**

**Size:**

**Fluorophore:**

**Location:** CENYq

Approximately 470kb

Tex Red

Yq11.221

**Notice:** We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: [KA2375](#) or [KA2691](#)) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.

**Applications:** FISH-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Instruction:** Store at 4°C in the dark.