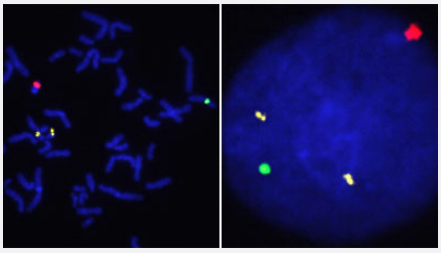
3-Color FISH Probe (chromosome 21, X & Y)

Catalog # FM0004 Size 100 uL

Applications



Hybridization position of the probes on the chromosome:

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Specification

Product Description	Labeled FISH probes for identification of prenatal chromosomal aberrations using Fluorescent In Sit u Hybridization Technique. (Technology).
Probe 1	**Name:** CEN21q (DYRK1A Gene /Down syndrome critical region) **Size:** Approximately 550kb **Fluorophore:** R6G **Location:** 21q22.13
Probe 2	**Name:** CENXp **Size:** Approximately 550kb **Fluorophore:** FITC **Location:** Xp11.23

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Probe 3	**Name:** CENYq **Size:** Approximately 470kb **Fluorophore:** Texas Red **Location:** Yq11.221
Origin	Human
Source	Genomic DNA
Reactivity	Human
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.
Regulation Status	For research use only (RUO)
Quality Control Testing	Representative images of normal human cell (lymphocyte) stain with the multi-color FISH probe. The l eft image is chromosomes at metaphase, and the right image is an interphase nucleus (CEN21q, yel low; CENXp, green; CENYq, red).
Storage Instruction	Store at 4°C in the dark.
Note	Hybridization position of the probes on the chromosome: Hybridization position of the probes on the chromosome:
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

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