GM03102 Fibroblast

Description:
XXY SYNDROME; KLINEFELTER SYNDROME
ANEUPLOID CHROMOSOME NUMBER - NON-TRISOMIC

Affected:
No Data

Gender:
Male

Age:
18 FW (At Sampling)

Repository	NIGMS Human Genetic Cell Repository
Subcollection	Chromosome Abnormalities
Cell Type	Fibroblast
Transformant	Untransformed
Race	Caucasian
Family Member	1
Relation to Proband	proband
Confirmation	Clinical summary/Case history
ISCN	47,XXY
Species	Homo sapiens
Common Name	Human
Remarks	See GM03091 Amniotic; Klinefelter's syndrome
Passage Frozen	5
IDENTIFICATION OF SPECIES OF ORIGIN	Species of Origin Confirmed by Nucleoside Phosphorylase, Glucose-6-Phosphate Dehydrogenase, and Lactate Dehydrogenase Isoenzyme Electrophoresis and by Chromosome Analysis

Remark	See GM03091 Amniotic; Klinefelter's syndrome

Ballif BC, Kashork CD, Saleki R, Rorem E, Sundin K, Bejjani BA, Shaffer LG, Detecting sex chromosome anomalies and common triploidies in products of conception by array-based comparative genomic hybridization Prenatal diagnosis26:333-9 2006

PubMed ID: 16491513

Deutsch S, Choudhury U, Merla G, Howald C, Sylvan A, Antonarakis SE, Detection of aneuploidies by paralogous sequence quantification Journal of medical genetics41:908-15 2004

PubMed ID: 15591276

Mutter GL, Pomponio RJ, Molecular diagnosis of sex chromosome aneuploidy using quantitative PCR. Nucleic Acids Res19:4203-7 1991

PubMed ID: 1678507

dbSNP	dbSNP ID: 20405

No data is available

Passage Frozen	5
Split Ratio	1:5
Temperature	37 C
Percent CO2	5%

Medium	Eagle's Minimum Essential Medium with Earle's salts and non-essential amino acids
Serum	15% fetal bovine serum Not inactivated
Substrate	None specified
Subcultivation Method	trypsin-EDTA

Pricing

ommercial/For-profit:

$130.00 USD

cademic/Non-profit/Government:

$87.00 USD