



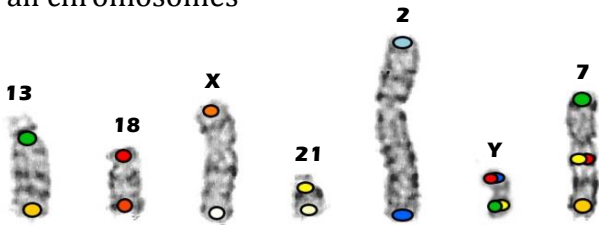
Catalog No.:	PN-1	PNC-1
	PN-2	PNC-2
	PN-3	PNC-3
		PNC-4

Product Specifications

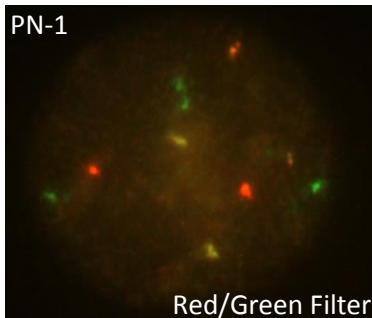
Multiplex Interphase Chromosome Profiling

Basic panel detects all chromosome aneuploidy and common microdeletions

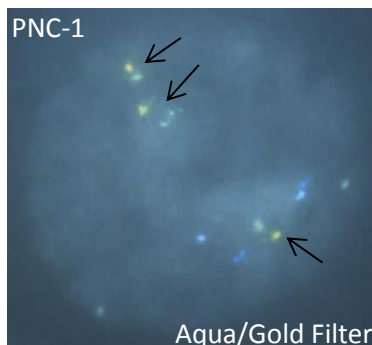
Comprehensive panel detects all the changes (**Basic Panel**) plus arm specific structural changes such as deletions and duplications for all chromosomes



Representative signal patterns (Comprehensive)



Prenatal PN-1 hybridized to a nucleus with trisomy 13
Red/Green Filter



Prenatal Comprehensive PNC-1 hybridized to a nucleus with trisomy 21
Aqua/Gold Filter

Basic Panel

Catalog No.	PN-1	PN-2	PN-3
Green	13q11	15q11.2	1q12
Green Hybrid	18q11.1	5p15.2 / 5p15.31	2q11.1
Red	21q22.13	8q23.3	3p11.1
Red Hybrid	Xp11.1	8q24.11	6q11.1
Red/Green Hybrid	Yq11.1	17p11.2	9q12
Gold	22q11.21	7q11.23	11q11
Gold Hybrid		16q11.2	12p11.1
Aqua	22q13.33	4p16.3	14q11
Aqua Hybrid			19q12
Gold/Aqua Hybrid	17p13.3	10p14	20q11.1

Microdeletion targets are **bolded**

Comprehensive Panel

Catalog No.	PNC-1	PNC-2	PNC-3	PNC-4
Green	13c	22q11.21	7pter	9pter
Green Hybrid	13qter	22q13.33	7qter	9qter
Red	18pter	5p15	16pter	11pter
Red Hybrid	18qter	5qter	16qter	11qter
Red/Green Hybrid	Xpter	3pter	8pter	19pter
Gold	21c	15q11.2	1pter	12pter
Gold Hybrid	21qter	15qter	1qter	12qter
Aqua	2qter	17p11.3	4qter	14c
Aqua Hybrid	2pter	17p13.3	4p16.3	14qter
Gold/Aqua Hybrid	Xqter	3qter	8q23.3-24.12	19qter
Red-Aqua Juxta	Ypter	10pter	6pter	20pter
Green-Gold Juxta	Yqter	10qter	6qter	20qter
Red-Gold Juxta		10p14	7q11.23	
Aqua-Green Juxta		17qter	8qter	

Microdeletion targets are **bolded**