

TABLE OF CONTENTS

	page
ACKNOWLEDGEMENT	iii
ABSTRACT (ENGLISH)	iv
ABSTRACT (THAI)	vi
LIST OF TABLES	x
LIST OF ILLUSTRATIONS	xi
ABBREVIATIONS	xiii
CHAPTER I INTRODUCTION	1
1. Statement and significance of the problem	1
2. Literature review	4
2.1 Down syndrome (trisomy 21)	4
2.2 Prenatal cytogenetic diagnosis	10
2.3 Fluorescence <i>in situ</i> hybridization	16
2.4 Micro-FISH	24
3. Objectives	30
CHAPTER II MATERIALS AND METHODS	31
1. Preparation of DNA probes	31
1.1 Metaphase chromosome preparation	31
1.2 Microdissection of the chromosome	32
1.3 Amplification of chromosomal DNA	36
1.4 Evaluation of DOP-PCR products	37
1.5 PCR product purification	39
1.6 DNA labeling	39

TABLE OF CONTENTS (CONTINUED)

	Page
2. Preparation of target DNA	40
2.1 Preparation of metaphase chromosome	40
2.2 preparation of uncultured amniocytes for interphase FISH	41
3. Fluorescence <i>in situ</i> hybridization	42
3.1 Precipitation and denaturation of DNA probes	42
3.2 Slides treatment and denaturation of the target DNA	42
3.3 Hybridization and detection	43
3.4 FISH analysis	43
CHAPTER III RESULTS	45
1. The quality of the DOP-PCR products	45
2. The size of DNA probes	46
3. Determination of hybridization specificity	47
4. Interphase FISH results	50
CHAPTER IV DISCUSSION	61
CHAPTER V CONCLUSION	76
REFERENCES	78
APPENDIX	94
CURRICULUM VITAE	103

LIST OF TABLES

Table	Page
1. The incidence of Down syndrome in different maternal age	6
2. The information of amniotic fluid samples for FISH study	41
3. The results of interphase FISH findings in 12 amniotic fluid samples	57
4. The percentage of the hybridized signal using 21q derived-probe	58
5. The comparative results between FISH and karyotyping in 12 cases	59
6. The results of prenatal detection for chromosome 21 by FISH in 12 cases	60
7. The performance characteristics for informative FISH results	60
8. Summary of the greatest number amniocentesis indications from difference laboratories	66
9. The criteria for interpreting FISH results and the number of scored- nuclei by using commercial specific probe	68

LIST OF ILLUSTRATIONS

Figure	Page
1. Phenotype of a Down syndrome patient	1
2. Karyotype of a Down syndrome male patient	2
3. Schematic representation of the nondisjunction mechanism	4
4. Karyotype of a female patient with t(21;21)	7
5. Schematic of chromosome 21, showing the location of selected genes	8
6. Principle of the fluorescence <i>in situ</i> hybridization	16
7. Schematic representation of the micro-FISH technique	25
8. An inverted microscope equipped with micromanipulator	32
9. Summary of the dissection of a GTG-banded chromosome or chromosome region out of a metaphase with a microneedle using inverted microscope	34
10. The procedure of chromosome microdissection	35
11. Schematic illustration of degenerate oligonucleotide prime polymerase chain reaction	36
12. The primary DOP-PCR products after 1% agarose gel stained with ethidium bromide	37
13. The secondary DOP-PCR products after 1% agarose gel stained with ethidium bromide	38
14. Representation of the nick translation reaction	39
15. An agarose gel stained with ethidium bromide demonstrating the size of DNA labeled as a probe with DIG-11-dUTP by nick translation	40

LIST OF ILLUSTRATIONS (CONTINUED)

Figure	Page
16. The primary DOP-PCR products from microdissection of (a) the normal chromosome 21q and (b) the t(21;21) chromosome	45
17. The secondary DOP-PCR products from reamplified DNA microdissected of (a) the normal chromosome 21q and (b) the t(21;21) chromosome	46
18. The DIG-11-dUTP labeled probe was size fractionated on 1% agarose gel and stained with ethidium bromide	47
19. FISH with chromosome t(21;21) derived probe on normal metaphase chromosomes	48
20. FISH with chromosome 21q probe on normal metaphase chromosomes	49
21. Interphase nuclei from uncultured amniocytes by FISH show no signal	51
22. Interphase nuclei from uncultured amniocytes by FISH show 1 signal	52
23. Interphase nuclei from uncultured amniocytes by FISH show 2 signals	53
24. Interphase nuclei from uncultured amniocytes by FISH show 3 signals	54
25. Interphase nuclei from uncultured amniocytes by FISH show 4 signals	55
26. Interphase nuclei from uncultured amniocytes by FISH show 5 signals	56

ABBREVIATIONS

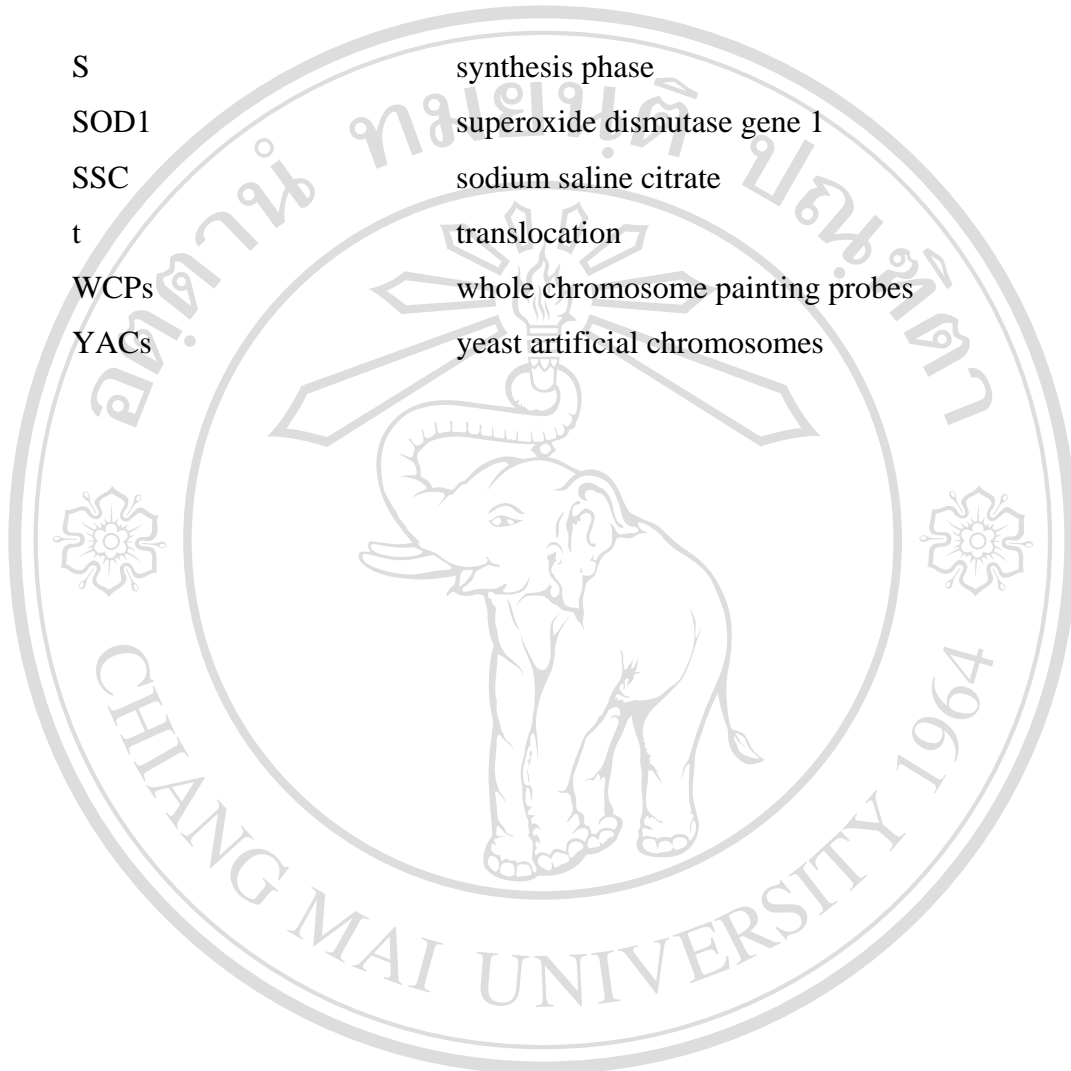
ACMG	American College of Medical Genetics
add	addition
AES	3'-aminopropyltriethoxysilane
AFAPF	amniotic fluid α -fetoprotein
AFP	alpha-fetoprotein
APP	amyloid precursor protein
bp	base pair
CBS	cystathionin β -synthase gene
conc.	concentration
CRYA1	alpha 1-crystallin gene
CVS	chorionic villus sampling
DAPI	4'-6-diamidino-2-phenylindole
del	deletion
der	derivative
DNA	deoxyribonucleic acid
dic	dicentric
DIG	digoxigenin
dNTP	deoxynucleotide triphosphate
DOP-PCR	degenerate oligonucleotide primed-polymerase chain reaction
dup	duplication
D21S55	the 55 th DNA segment assigned to chromosome 21
EDTA	ethylenediamine tetraacetic acid
ETS2	v-ets erythroblastosis virus E26 oncogene
	homolog 2 (avian)
FACS	fluorescence activated cell sorting
FBS	fetal blood sampling

ABBREVIATIONS (CONTINUED)

FDA	Food and Drug Administration
FISH	fluorescence <i>in situ</i> hybridization
FITC	fluorescein isothiocyanate
G-banding	Giemsa banding
GTG	G-band by trypsin using Giemsa
G ₀	gap zero phase
G ₁	gap1 phase
G ₂	gap 2 phase
hCG	human chorionic gonadotropin
idic	isodicentric chromosome
IQ	intelligence quotient
Kb	kilobase
MACS	magnetic cell sorting
mar	marker chromosome
Mb	megabase
micro-FISH	microdissection in combination with fluorescence <i>in situ</i> hybridization
mos	mosaic
No.	number
p	short arm of chromosome
PCR	polymerase chain reaction
pg	picogram
PHA	phytohemagglutinin
Ph ¹	Philadelphia chromosome
PUBS	percutaneous umbilical blood sampling
q	long arm of chromosome
Rh	rhesus
RNase	ribonuclease
rpm	revolutions per minute

ABBREVIATIONS (CONTINUED)

S	synthesis phase
SOD1	superoxide dismutase gene 1
SSC	sodium saline citrate
t	translocation
WCPs	whole chromosome painting probes
YACs	yeast artificial chromosomes



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