

HONG KONG INSTITUTE OF MEDICAL LABORATORY SCIENCES  
 QUALITY ASSURANCE PROGRAMME  
 HAEMATOLOGY AND SEROLOGY  
 METHOD AND REAGENT CODES

Revised on Feb 2017

**COMPLETE BLOOD COUNT**

METHOD CODE	MODEL OF INSTRUMENT USED
0117	CELL DYN 3200
0118	CELL DYN 3700
0120	CELL DYN SAPPHIRE
0123	CELL DYN RUBY
0199	CELL DYN OTHER MODEL, PLEASE SPECIFY
0312	COULTER UNICEL DXH 800
0323	COULTER GEN-S
0325	COULTER HMX
0327	COULTER LH750 / LH755 / LH780 / LH785
0328	COULTER LH500
0399	COULTER OTHER MODEL, PLEASE SPECIFY

METHOD CODE	MODEL OF INSTRUMENT USED
0405	SYSMEX XN Series
0406	SYSMEX XN-L Series
0409	SYSMEX KX21
0410	SYSMEX SF3000
0411	SYSMEX POCH-100i
0412	SYSMEX ZF3000
0413	SYSMEX XT-1800i / XT-2000i
0414	SYSMEX XE2100
0415	SYSMEX XS-800i
0416	SYSMEX XE5000
0499	SYSMEX OTHER MODEL, PLEASE SPECIFY
0901	ADVIA 120 / ADVIA 2120
0902	ADVIA 60
1900	MANUAL
2000	OTHERS, PLEASE SPECIFY

**COAGULATION**

REAGENT CODE	REAGENT FOR APTT
21	ACTIN ES / FS / FSL
22	AUTOMATED APTT
23	CK PREST
24	DIAGEN
26	PTT AUTOMATE 5
32	IN-HOUSE REAGENT
34	DIAGNOSTIC APTT
35	PLATELIN L
36	IL SYNTHASIL
39	OTHERS, PLEASE SPECIFY
REAGENT CODE	REAGENT FOR PT
04	THROMBOREL S
05	NEOPLASTINE CI5
06	IL RECOMBIPLASTIN
07	NEOPLASTINE CI+
11	THROMBOREL R
12	IN-HOUSE REAGENT
19	OTHERS, PLEASE SPECIFY

METHOD CODE	MODEL OF INSTRUMENT USED
2100	ACL 100 / 200 / 300 / 1000 / 3000 / 6000 / 7000 / 9000 / ELITE / ELITE PRO / Futura / TOP / TOP700
2300	COAGULOMETER KC1
2800	ST4 BIO
2900	SYSMEX CS Series
3100	BIOMERIEUX
3300	BEHRING COAGULATION TIMER
3500	SYSMEX CA540 / CA50 / CA1500 / CA7000
3600	THROMBO COMPACT XR
3700	SYSMEX CA101 / 104
3900	MANUAL
4000	OTHERS, PLEASE SPECIFY

e.g.

Tests	Method	Reagent
APTT (sec.)	2 1 0 0	3 6
PT (sec.)	2 1 0 0	0 6

Method code # 2100 = ACL 9000

APTT Reagent code #36 = IL Synthasil

PT Reagent code #06 = IL Recombiplastin

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**ABO AND Rh(D) GROUPING**

**METHOD CODE**

(A) CODE	REACTION MODE
1	INCUBATION ONLY
2	INCUBATION FOLLOWED BY SPIN
3	SPIN ONLY
4	SPIN FOLLOWED BY INCUBATION
9	OTHERS, PLEASE SPECIFY

(B) CODE	REACTION VESSEL
1	HAEMAGGLUTINATION TRAY
2	MICROPLATE
3	SLIDE OR TILE
4	TUBE
6	CAT - GEL
7	CAT - GLASS BEADS
9	OTHERS, PLEASE SPECIFY

(C) CODE	REACTION TEMPERATURE
1	4 C
2	20 - 25 C
3	37 C

(D) CODE	INCUBATION TIME
1	NIL (IMMEDIATE SPIN)
2	LESS THAN 16 MINUTES
3	16 - 30 MINUTES
4	31 - 60 MINUTES
5	61 - 120 MINUTES
9	MORE THAN 120 MINUTES

**REAGENT CODE**

(E) CODE	MANUFACTURER OF REAGENT FOR ABO CELLS, ABO / Rh ANTISERA, Rh/hr CONTROL AND AHG
81	BAXTER / DADE
82	DOMINION BIOLOGICALS (DBL)
83	GAMMA (IMMUNCORGAMMA)
84	IMMUCOR (IMMUNCORGAMMA)
86	ORTHO CLINICAL DIAGNOSTICS
87	HOME MADE
88	H.K. RED CROSS BLOOD TRANSFUSION SERVICE
89	CSL
90	BIOTEST
91	DIAMED
92	BIOSCOT / MILLIPORE
93	CYPRESS DIAGNOSTICS
96	BIO-RAD
97	GRIFOLS
98	BIOTECH
99	OTHERS, PLEASE SPECIFY

(F) CODE	REAGENT TYPE FOR ABO ANTISERA
01	POLYCLONAL ABO ANTISERA
02	MONOCLONAL ABO ANTISERA

(F) CODE	REAGENT TYPE FOR ANTI-D
21	POLYCLONAL IgG ANTI-D, HIGH PROTEIN MEDIUM
22	POLYCLONAL CHEMICALLY-MODIFIED IgG ANTI-D, LOW PROTEIN MEDIUM
23	POLYCLONAL IgM ANTI-D, LOW PROTEIN MEDIUM
24	BLEND OF POLYCLONAL IgG & MONOCLONAL Ig-M, ANTI-D, LOW PROTEIN MEDIUM
25	MONOCLONAL IgM
26	BLEND OF MONOCLONAL IgG & MONOCLONAL Ig-M, ANTI-D, LOW PROTEIN MEDIUM

(F) CODE	REAGENT TYPE FOR Rh/hr CONTROL
41	COMMERCIAL Rh / hr CONTROL
42	BOVINE ALBUMIN, 22% OR 30%
43	BOVINE ALBUMIN, 6 - 8 %
44	INERT GROUP AB SERUM

(F) CODE	REAGENT TYPE FOR ANTI-HUMAN GLOBULIN
61	POLYSPECIFIC ANTI-HUMAN GLOBULIN
62	MONOSPECIFIC AHG (ANTI-IgG)

e.g.

Method mode code (A) # 1 = incubation only.

Method vessel code (B) # 4 = tube.

Method temp. code (C) # 3 = 37 C.

Method time code (D) # 2 = less than 16 minutes.

Anti - A: Reagent manufacturer code (E) # 86 = Ortho,

Reagent type code(F) # 02 = monoclonal ABO Antisera;

Reagent A cells: Reagent manufacturer code (E) #87 = home made;

Anti-D: Reagent manufacturer code (E) #86 = Ortho. Reagent type code (F) # 21 = polyclonal IgG Anti-D, high protein medium;

Rh/hr control: Reagent manufacturer code (E) #87 = home made,

Reagent type code (F) # 43 = bovine albumin, 6-8%

IAT: Reagent manufacturer code (E) # 86 - Ortho,

Reagent type code (F) # 61 = polyspecific AHG.

Tests	Method			
	A	B	C	D
Anti - A	1	4	3	2

Tests	Reagent			
	E	F		
Anti - A	8	6	0	2
Reagent A Cells	8	7		
Anti - D	8	6	2	1
Rh/hr control	8	7	4	3
IAT	8	6	6	1