

Para 12[®] Extend



Multi-Parameter Assayed Hematology Control¹

Rx Only

Open-vial stability 30 days²



2027-03-01

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2024-07



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Instrument ³ Horiba®ABX Micros® 60 / Horiba® ABX Micros® ES 60 / Siemens® ADVIA® 60		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT 62360422		LOT 62360423		LOT 62360424	
Parameter ⁴		$\bar{x}$	+/-	$\bar{x}$	+/-	$\bar{x}$	+/-
WBC	10 ⁹ /L	2.1	0.4	8.2	0.6	20.3	2.5
LYM	10 ⁹ /L	1.3	0.5	2.9	0.5	4.1	1.5
LYM	%	62.8	8.0	35.4	6.0	20.1	6.0
MID	10 ⁹ /L	0.2	0.2	0.5	0.3	1.3	1.0
MID	%	6.0	4.5	6.3	5.0	6.4	5.0
GRAN	10 ⁹ /L	0.8	0.8	4.8	1.0	14.9	3.0
GRAN	%	31.2	8.0	58.3	7.0	73.4	8.0
RBC	10 ¹² /L	2.03	0.15	4.04	0.20	5.12	0.25
HGB	g/dL	5.2	0.5	11.0	0.6	15.7	0.7
[HGB]	g/L	52	5	110	6	157	7
HCT	%	15.0	2.0	31.9	3.0	45.1	4.0
[HCT]	L/L	0.150	0.020	0.319	0.030	0.451	0.040
MCV	fL	74	6	79	6	88	6
MCH	pg	25.6	2.0	27.2	2.0	30.7	2.0
MCHC	g/dL	34.7	3.0	34.5	3.0	34.8	3.0
[MCHC]	g/L	347	30	345	30	348	30
RDW	%	17.0	5.0	15.5	5.0	14.4	5.0
PLT	10 ⁹ /L	77	15	225	30	565	60
MPV	fL	9.7	1.5	9.3	1.5	9.1	1.5

Instrument ³ Beckman Coulter® Ac•T Series / Ac•T diff/ Ac•T diff2		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT 62360422		LOT 62360423		LOT 62360424	
Parameter ⁴		$\bar{x}$	+/-	$\bar{x}$	+/-	$\bar{x}$	+/-
WBC	10 ⁹ /L	2.3	0.4	8.5	1.0	21.5	2.5
LYM	10 ⁹ /L	1.2	0.6	2.3	1.2	2.8	2.0
LYM	%	53.0	10.0	27.1	9.0	13.2	6.0
MID	10 ⁹ /L	0.2	0.2	0.7	0.3	1.8	1.2
MID	%	8.3	6.0	8.3	5.0	8.4	5.0
GRAN	10 ⁹ /L	0.9	0.8	5.5	2.0	16.9	3.5
GRAN	%	38.8	10.0	64.6	9.0	78.4	8.0
RBC	10 ¹² /L	2.10	0.20	4.11	0.25	5.25	0.30
HGB	g/dL	5.1	0.5	11.1	0.7	16.2	1.0
[HGB]	g/L	51	5	111	7	162	10
HCT	%	15.9	2.0	32.7	4.5	46.8	4.5
[HCT]	L/L	0.159	0.020	0.327	0.045	0.468	0.045
MCV	fL	75.6	6.0	79.6	7.0	89.2	7.0
MCH	pg	24.3	2.5	27.0	2.5	30.9	2.5
MCHC	g/dL	32.1	3.5	33.9	3.5	34.6	3.5
[MCHC]	g/L	321	35	339	35	346	35
RDW	%	19.0	5.0	17.6	5.0	15.6	5.0
PLT	10 ⁹ /L	67	25	206	35	541	85
MPV	fL	9.6	1.5	9.7	1.5	9.9	1.5

Instrument ³ Mindray® BC-3200		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT 62360422		LOT 62360423		LOT 62360424	
Parameter ⁴		$\bar{x}$	+/-	$\bar{x}$	+/-	$\bar{x}$	+/-
WBC	10 ⁹ /L	2.1	0.4	8.2	1.0	19.6	2.5
LYM	10 ⁹ /L	1.1	0.6	2.1	1.2	2.4	2.0
LYM	%	51.5	10.0	26.2	9.0	12.2	6.0
MID	10 ⁹ /L	0.2	0.2	0.6	0.3	1.5	1.2
MID	%	8.1	6.0	7.6	5.0	7.6	5.0
GRAN	10 ⁹ /L	0.9	0.8	5.4	2.0	15.7	3.5
GRAN	%	40.5	10.0	66.3	9.0	80.2	8.0
RBC	10 ¹² /L	2.10	0.20	4.09	0.40	5.21	0.40
HGB	g/dL	5.2	0.5	11.0	1.0	16.0	1.2
[HGB]	g/L	52	5	110	10	160	12
HCT	%	16.3	2.5	33.7	4.5	47.7	4.5
[HCT]	L/L	0.163	0.025	0.337	0.045	0.477	0.045
MCV	fL	77.6	6.0	82.3	7.0	91.6	7.0
MCH	pg	24.8	2.5	26.9	2.5	30.7	2.5
MCHC	g/dL	31.9	3.5	32.6	3.5	33.5	3.5
[MCHC]	g/L	319	35	326	35	335	35
RDW	%	15.8	5.0	14.6	5.0	13.4	5.0
PLT	10 ⁹ /L	84	25	227	35	567	85
MPV	fL	9.1	1.5	8.7	1.5	8.6	1.5

Instrument ³ Mindray® BC-3600		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT 62360422		LOT 62360423		LOT 62360424	
Parameter ⁴		$\bar{x}$	+/-	$\bar{x}$	+/-	$\bar{x}$	+/-
WBC	10 ⁹ /L	2.0	0.4	7.5	1.0	18.3	2.5
LYM	10 ⁹ /L	1.1	0.6	2.2	1.2	2.8	2.0
LYM	%	54.0	10.0	28.7	9.0	15.1	6.0
MID	10 ⁹ /L	0.2	0.2	0.6	0.3	1.5	1.2
MID	%	8.7	6.0	8.2	5.0	8.0	5.0
GRAN	10 ⁹ /L	0.9	0.8	4.7	2.0	14.1	3.5
GRAN	%	37.4	10.0	63.0	9.0	77.0	8.0
RBC	10 ¹² /L	2.10	0.20	4.11	0.40	5.22	0.40
HGB	g/dL	5.0	0.5	10.8	1.0	16.0	1.2
[HGB]	g/L	50	5	108	10	160	12
HCT	%	16.3	2.5	33.1	4.5	46.4	4.5
[HCT]	L/L	0.163	0.025	0.331	0.045	0.464	0.045
MCV	fL	77.4	6.0	80.5	7.0	88.9	7.0
MCH	pg	23.8	2.5	26.3	2.5	30.7	2.5
MCHC	g/dL	30.7	3.5	32.6	3.5	34.5	3.5
[MCHC]	g/L	307	35	326	35	345	35
RDW	%	16.1	5.0	15.3	5.0	14.1	5.0
PLT	10 ⁹ /L	75	25	221	35	580	85
MPV	fL	8.7	1.5	8.5	1.5	8.5	1.5



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Instrument ³ ERMA PCE-210		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT	62360422	LOT	62360423	LOT	62360424
Parameter ⁴		$\bar{x}$	+/-	$\bar{x}$	+/-	$\bar{x}$	+/-
WBC	10 ⁹ /L	2.0	0.4	8.1	0.7	20.6	2.5
LYM	10 ⁹ /L	1.0	0.5	1.8	0.5	2.1	1.5
LYM	%	48.9	8.0	22.8	6.0	10.1	6.0
MID	10 ⁹ /L	0.2	0.2	0.4	0.3	1.0	1.0
MID	%	6.0	6.0	5.0	5.0	5.0	5.0
GRAN	10 ⁹ /L	1.0	0.8	6.0	1.0	17.9	3.0
GRAN	%	47.7	8.0	73.7	7.0	86.9	8.0
RBC	10 ¹² /L	2.23	0.20	4.22	0.25	5.39	0.35
HGB	g/dL	5.0	0.8	11.3	0.9	16.5	1.0
[HGB]	g/L	50	8	113	9	165	10
HCT	%	16.9	2.0	33.3	4.5	46.9	4.5
[HCT]	L/L	0.169	0.020	0.333	0.045	0.469	0.045
MCV	fL	76.0	6.0	78.8	7.0	87.0	7.0
MCH	pg	22.4	2.5	26.8	3.0	30.6	3.0
MCHC	g/dL	29.6	3.5	33.9	3.5	35.2	3.5
[MCHC]	g/L	296	35	339	35	352	35
RDW	%	21.2	5.0	20.4	5.0	19.0	5.0
PLT	10 ⁹ /L	80	25	219	45	554	85
MPV	fL	10.4	1.5	9.4	1.5	9.3	1.5
PDW	fL	10.2	3.0	11.4	1.7	12.1	1.7

Instrument ³ Nihon Kohden® Celltac α MEK-6400 Series / MEK-6500		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT	62360422	LOT	62360423	LOT	62360424
Parameter ⁴		$\bar{x}$	+/-	$\bar{x}$	+/-	$\bar{x}$	+/-
WBC	10 ⁹ /L	2.1	0.4	8.1	0.6	20.3	2.5
LYM	10 ⁹ /L	1.5	0.5	3.6	0.5	5.3	1.5
LYM	%	70.3	11.0	44.5	6.0	26.1	6.0
MID	10 ⁹ /L	0.2	0.2	0.7	0.3	2.1	1.0
MID	%	7.4	6.0	8.3	5.0	10.3	5.0
GRAN	10 ⁹ /L	0.8	0.8	3.8	1.0	12.9	3.0
GRAN	%	22.4	11.0	47.2	7.0	63.5	8.0
RBC	10 ¹² /L	2.11	0.15	4.11	0.20	5.18	0.25
HGB	g/dL	5.0	0.5	10.9	0.6	15.8	0.7
[HGB]	g/L	50	5	109	6	158	7
HCT	%	16.0	2.0	32.9	3.0	46.1	4.0
[HCT]	L/L	0.160	0.020	0.329	0.030	0.461	0.040
MCV	fL	76	6	80	6	89	6
MCH	pg	23.7	2.0	26.5	2.0	30.5	2.0
MCHC	g/dL	31.3	3.0	33.1	3.0	34.3	3.0
[MCHC]	g/L	313	30	331	30	343	30
RDW	%	19.2	5.0	17.3	5.0	15.7	5.0
PLT	10 ⁹ /L	77	15	231	30	596	60
PCT	%	0.06	0.03	0.17	0.06	0.45	0.20
MPV	fL	7.6	1.5	7.5	1.5	7.5	1.5
PDW	%	14.3	5.5	13.1	3.7	13.0	2.7

Instrument ³ HTI® MicroCC-20 Plus		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT	62360422	LOT	62360423	LOT	62360424
Parameter ⁴		$\bar{x}$	+/-	$\bar{x}$	+/-	$\bar{x}$	+/-
WBC	10 ⁹ /L	1.9	0.4	6.9	0.6	16.3	2.5
LYM	10 ⁹ /L	1.1	0.5	2.2	0.5	2.7	1.5
LYM	%	56.2	8.0	31.2	6.0	16.4	6.0
MID	10 ⁹ /L	0.2	0.2	0.7	0.3	1.6	1.0
MID	%	9.5	4.5	9.6	5.0	9.8	5.0
GRAN	10 ⁹ /L	0.8	0.8	4.1	1.0	12.0	3.0
GRAN	%	34.3	8.0	59.2	7.0	73.9	8.0
RBC	10 ¹² /L	2.04	0.15	4.01	0.20	5.06	0.25
HGB	g/dL	5.2	0.5	11.0	0.6	15.6	0.7
[HGB]	g/L	52	5	110	6	156	7
HCT	%	16.4	2.0	33.6	3.0	46.3	4.0
[HCT]	L/L	0.164	0.020	0.336	0.030	0.463	0.040
MCV	fL	80.6	6.0	83.7	6.0	91.5	6.0
MCH	pg	25.5	2.0	27.4	2.0	30.8	2.0
MCHC	g/dL	31.7	3.0	32.7	3.0	33.7	3.0
[MCHC]	g/L	317	30	327	30	337	30
RDW	%	14.0	5.0	14.2	5.0	13.5	5.0
RDW-SD	fL	41.5	3.5	43.3	8.4	45.1	3.7
PLT	10 ⁹ /L	85	25	230	30	557	60
PCT	%	0.06	0.02	0.17	0.17	0.57	0.57
MPV	fL	7.9	1.5	7.8	1.5	7.8	1.5
PDW	%	10.1	1.9	10.0	2.0	10.1	1.4
P-LCR	%	13.0	13.0	10.0	10.0	9.0	6.7

1 Multi-Parameter Assayed Hematology Control

Kontrolní hematologické látky pro multiparametrickou analýzu / Contrôle dosé d'hématologie à paramètres multiples / Hämatologie-Kontrolle mit Sollwertzuweisung für mehrere Parameter / Controllo di analisi ematologica multi-parametro / Analysert hematologikontroll for flere parametre / Wielo-parametrowa oznaczona kontrola hematologiczna. / Control hematológico ensayado de múltiples parámetros / Multiparameterkontroll för analyserad hematologi

2 Open-vial stability 30 days

Stabilita otevřené lékovky 30 dní / Stabilité en flacon ouvert 30 jours / Stabilität geöffneter Flaschen 30 tage / Stabiliteten til åpnet ampulle 30 dager / Stabilità della fiala aperta 30 giorni / Trwałość otwartego opakowania 30 liczba dni / Estabilidad de la cápsula abierta 30 días / Hållbarhet för öppen flaska 30 dagar

3 Instrument

Nástroj / Instrument / Gerät / Strumento / Instrument / Aparat / Instrumento / Instrument

4 Parameter

Parametr / Paramètre / Parameter / Parametro / Parameter / Parametr / Parámetro / Parameter

5 Control

Kontrola / Contrôle / Kontrolle / Controllo / Kontroll / Kontrola / Control / Kontroll

7. Mean

Střední hodnota / Moyenne / Mittelwert / Media / Gjennomsnitt / Wartość średnia / Media / Medelvärde

+/- Expected Range

± očekávaný rozsah / ± Intervalle escompté / ± Erwartungsbereich / ± Range previsto / ± Forventet område / ± Zakres wartości oczekiwanych / ± Interval previsto / ± Förväntat intervall

[] SI Units

Mezinárodní soustava jednotek SI / Unités SI / SI- Einheiten / Unità SI / SI-måleenheter / Jednostki SI / Unidades SI / SI-enheter

Alarms or flags may be seen with Para 12 Extend. These alarms and flags may be disregarded if the control is performing within the assay ranges.

Alarmy nebo praporky upozornění lze vidět u Para 12 Extend. Tyto alarmy a praporky se mohou ignorovat, pokud je kontrola v rozmezích analýzy.

Des alarmes ou indicateurs peuvent être observés avec Para 12 Extend. Ces alarmes et indicateurs peuvent être ignorés si le contrôle se situe dans les intervalles d'essai.

Es ist möglich, dass mit dem Para 12 Extend Alarm- oder Warnmeldungen (Flags) erscheinen. Derartige Alarm- und Warnmeldungen können ignoriert werden, wenn die Kontrollwerte innerhalb der Assaybereiche liegen.

Allarmi e flag possono essere osservati con Para 12 Extend. Questi allarmi e queste flag possono essere ignorati se i valori del controllo si trovano all'interno del range di analisi.

Alarmer eller flagg kan sees med Para 12 Extend. Disse alarmene og flaggene kan ignoreres hvis kontrollen utføres innenfor analyseområdet.

Przy użyciu Para 12 Extend mogą pojawić się alarmy lub sygnały ostrzegawcze. Jeśli wyniki badania kontroli mieszczą się w zakresie oznaczeń, ostrzeżenia te można zignorować.

Pueden verse alarmas o indicadores con Para 12 Extend. Pueden pasarse por alto estas alarmas e indicadores si el control está funcionando dentro de las gamas de análisis.

Larm eller flaggor kan ses med Para 12 Extend. Man kan ignorera dessa larm och flaggor om kontrollens prestanda ligger inom fastställda områden för analysen.

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