

Para 12[®] Extend



Multi-Parameter Assayed Hematology Control¹



2026-06-22

350307-45
2024-07



streck.com/IFU

Rx Only

Open-vial stability 30 days²

Instrument ³ Horiba [®] ABX Micros [®] 60 / Horiba [®] ABX Micros [®] ES 60 / Siemens [®] ADVIA [®] 60		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT 53490422		LOT 53490423		LOT 53490424	
Parameter ⁴		\bar{x}	+/-	\bar{x}	+/-	\bar{x}	+/-
WBC	10 ⁹ /L	2.1	0.4	8.6	0.6	20.5	2.5
LYM	10 ⁹ /L	1.4	0.5	3.1	0.5	4.6	1.5
LYM	%	65.0	8.0	35.7	6.0	22.4	6.0
MID	10 ⁹ /L	0.2	0.2	0.5	0.3	1.1	1.0
MID	%	4.5	4.5	5.3	5.0	5.6	5.0
GRAN	10 ⁹ /L	0.8	0.8	5.1	1.0	14.8	3.0
GRAN	%	30.7	8.0	59.0	7.0	72.0	8.0
RBC	10 ¹² /L	2.17	0.15	4.21	0.20	5.19	0.25
HGB	g/dL	5.4	0.5	11.3	0.6	15.1	0.7
[HGB]	g/L	54	5	113	6	151	7
HCT	%	15.8	2.0	33.7	3.0	44.1	4.0
[HCT]	L/L	0.158	0.020	0.337	0.030	0.441	0.040
MCV	fL	73	6	80	6	85	6
MCH	pg	24.9	2.0	26.8	2.0	29.1	2.0
MCHC	g/dL	34.2	3.0	33.5	3.0	34.2	3.0
[MCHC]	g/L	342	30	335	30	342	30
RDW	%	17.6	5.0	16.4	5.0	16.0	5.0
PLT	10 ⁹ /L	81	15	208	30	546	60
MPV	fL	10.1	1.5	9.5	1.5	9.3	1.5

Instrument ³ Beckman Coulter [®] AcT Series / AcT diff/ AcT diff2		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT 53490422		LOT 53490423		LOT 53490424	
Parameter ⁴		\bar{x}	+/-	\bar{x}	+/-	\bar{x}	+/-
WBC	10 ⁹ /L	2.4	0.4	8.8	1.0	21.5	2.5
LYM	10 ⁹ /L	1.3	0.6	2.4	1.2	3.1	2.0
LYM	%	54.7	10.0	26.9	9.0	14.3	6.0
MID	10 ⁹ /L	0.2	0.2	0.6	0.3	1.6	1.2
MID	%	7.4	6.0	7.3	5.0	7.3	5.0
GRAN	10 ⁹ /L	0.9	0.8	5.8	2.0	16.9	3.5
GRAN	%	37.9	10.0	65.8	9.0	78.5	8.0
RBC	10 ¹² /L	2.22	0.20	4.27	0.25	5.30	0.30
HGB	g/dL	5.5	0.5	11.7	0.7	15.8	1.0
[HGB]	g/L	55	5	117	7	158	10
HCT	%	16.4	2.0	34.6	4.5	44.9	4.5
[HCT]	L/L	0.164	0.020	0.346	0.045	0.449	0.045
MCV	fL	74.0	6.0	81.0	7.0	84.7	7.0
MCH	pg	24.8	2.5	27.4	2.5	29.8	2.5
MCHC	g/dL	33.5	3.5	33.8	3.5	35.2	3.5
[MCHC]	g/L	335	35	338	35	352	35
RDW	%	19.7	5.0	17.3	5.0	17.2	5.0
PLT	10 ⁹ /L	70	25	185	35	516	85
MPV	fL	10.1	1.5	10.2	1.5	10.4	1.5

Instrument ³ Mindray [®] BC-3200		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT 53490422		LOT 53490423		LOT 53490424	
Parameter ⁴		\bar{x}	+/-	\bar{x}	+/-	\bar{x}	+/-
WBC	10 ⁹ /L	2.2	0.4	8.9	1.0	21.2	2.5
LYM	10 ⁹ /L	1.1	0.6	2.2	1.2	2.8	2.0
LYM	%	50.8	10.0	24.6	9.0	13.1	6.0
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	1.7	1.2
MID	%	8.9	6.0	8.6	5.0	8.2	5.0
GRAN	10 ⁹ /L	0.9	0.8	6.0	2.0	16.7	3.5
GRAN	%	40.3	10.0	66.9	9.0	78.7	8.0
RBC	10 ¹² /L	2.29	0.20	4.41	0.40	5.42	0.40
HGB	g/dL	5.6	0.5	11.6	1.0	15.7	1.2
[HGB]	g/L	56	5	116	10	157	12
HCT	%	17.6	2.5	37.3	4.5	47.3	4.5
[HCT]	L/L	0.176	0.025	0.373	0.045	0.473	0.045
MCV	fL	76.9	6.0	84.5	7.0	87.3	7.0
MCH	pg	24.5	2.5	26.3	2.5	29.0	2.5
MCHC	g/dL	31.8	3.5	31.1	3.5	33.2	3.5
[MCHC]	g/L	318	35	311	35	332	35
RDW	%	16.4	5.0	14.8	5.0	14.6	5.0
PLT	10 ⁹ /L	85	25	207	35	522	85
MPV	fL	9.1	1.5	8.8	1.5	8.7	1.5

Instrument ³ Mindray [®] BC-3600		CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
		LOT 53490422		LOT 53490423		LOT 53490424	
Parameter ⁴		\bar{x}	+/-	\bar{x}	+/-	\bar{x}	+/-
WBC	10 ⁹ /L	2.0	0.4	8.2	1.0	19.0	2.5
LYM	10 ⁹ /L	1.1	0.6	2.3	1.2	3.1	2.0
LYM	%	55.6	10.0	28.6	9.0	16.5	6.0
MID	10 ⁹ /L	0.2	0.2	0.6	0.3	1.4	1.2
MID	%	7.4	6.0	7.4	5.0	7.5	5.0
GRAN	10 ⁹ /L	0.9	0.8	5.2	2.0	14.4	3.5
GRAN	%	37.0	10.0	64.0	9.0	76.0	8.0
RBC	10 ¹² /L	2.24	0.20	4.30	0.40	5.33	0.40
HGB	g/dL	5.2	0.5	11.4	1.0	15.7	1.2
[HGB]	g/L	52	5	114	10	157	12
HCT	%	17.0	2.5	35.3	4.5	45.6	4.5
[HCT]	L/L	0.170	0.025	0.353	0.045	0.456	0.045
MCV	fL	76.1	6.0	82.2	7.0	85.6	7.0
MCH	pg	23.2	2.5	26.5	2.5	29.5	2.5
MCHC	g/dL	30.6	3.5	32.3	3.5	34.4	3.5
[MCHC]	g/L	306	35	323	35	344	35
RDW	%	16.6	5.0	15.5	5.0	15.1	5.0
PLT	10 ⁹ /L	78	25	215	35	571	85
MPV	fL	8.8	1.5	8.7	1.5	8.7	1.5



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Instrument³
ERMA PCE-210

Parameter ⁴	CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
	LOT 53490422		LOT 53490423		LOT 53490424	
	\bar{x}	+/-	\bar{x}	+/-	\bar{x}	+/-
WBC 10 ⁹ /L	2.0	0.4	8.3	0.7	20.7	2.5
LYM 10 ⁹ /L	1.0	0.5	2.1	0.5	2.8	1.5
LYM %	51.6	8.0	25.0	6.0	13.5	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	0.9	0.8	5.9	1.0	17.1	3.0
GRAN %	45.2	8.0	71.5	7.0	82.8	8.0
RBC 10 ¹² /L	2.32	0.20	4.49	0.25	5.54	0.35
HGB g/dL	5.4	0.8	11.9	0.9	16.1	1.0
[HGB] g/L	54	8	119	9	161	10
HCT %	17.7	2.0	37.5	4.5	47.2	4.5
[HCT] L/L	0.177	0.020	0.375	0.045	0.472	0.045
MCV fL	76.1	6.0	83.6	7.0	85.2	7.0
MCH pg	23.3	2.5	26.5	3.0	29.1	3.0
MCHC g/dL	30.5	3.5	31.7	3.5	34.1	3.5
[MCHC] g/L	305	35	317	35	341	35
RDW %	21.6	5.0	19.9	5.0	20.5	5.0
PLT 10 ⁹ /L	79	25	208	45	540	85
MPV fL	11.0	1.5	9.4	1.5	9.3	1.5
PDW fL	13.3	3.0	11.4	1.7	11.8	1.7

Instrument³
HTI® MicroCC-20 Plus

Parameter ⁴	CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
	LOT 53490422		LOT 53490423		LOT 53490424	
	\bar{x}	+/-	\bar{x}	+/-	\bar{x}	+/-
WBC 10 ⁹ /L	2.1	0.4	7.6	0.6	17.6	2.5
LYM 10 ⁹ /L	1.2	0.5	2.4	0.5	3.1	1.5
LYM %	57.6	8.0	31.2	6.0	17.4	6.0
MID 10 ⁹ /L	0.2	0.2	0.7	0.3	1.7	1.0
MID %	9.1	4.5	9.3	5.0	9.9	5.0
GRAN 10 ⁹ /L	0.8	0.8	4.5	1.0	12.8	3.0
GRAN %	33.3	8.0	59.5	7.0	72.7	8.0
RBC 10 ¹² /L	2.24	0.15	4.27	0.20	5.25	0.25
HGB g/dL	5.6	0.5	11.6	0.6	15.5	0.7
[HGB] g/L	56	5	116	6	155	7
HCT %	17.9	2.0	36.7	3.0	46.7	4.0
[HCT] L/L	0.179	0.020	0.367	0.030	0.467	0.040
MCV fL	80.1	6.0	86.0	6.0	88.9	6.0
MCH pg	25.0	2.0	27.2	2.0	29.5	2.0
MCHC g/dL	31.3	3.0	31.6	3.0	33.2	3.0
[MCHC] g/L	313	30	316	30	332	30
RDW %	14.0	5.0	13.0	5.0	13.8	5.0
RDW-SD fL	41.8	3.5	42.6	8.4	45.8	3.7
PLT 10 ⁹ /L	88	25	220	30	557	60
PCT %	0.06	0.02	0.17	0.17	0.57	0.57
MPV fL	8.0	1.5	8.0	1.5	8.0	1.5
PDW %	9.3	1.9	9.6	2.0	9.5	1.4
P-LCR %	13.0	13.0	10.8	10.0	10.3	6.7

Instrument³
Nihon Kohden® Celltac α
MEK-6400 Series /
MEK-6500

Parameter ⁴	CONTROL ⁵ L		CONTROL ⁵ N		CONTROL ⁵ H	
	LOT 53490422		LOT 53490423		LOT 53490424	
	\bar{x}	+/-	\bar{x}	+/-	\bar{x}	+/-
WBC 10 ⁹ /L	2.1	0.4	8.4	0.6	20.4	2.5
LYM 10 ⁹ /L	1.5	0.5	3.8	0.5	6.1	1.5
LYM %	70.6	11.0	44.7	6.0	30.1	6.0
MID 10 ⁹ /L	0.2	0.2	0.7	0.3	2.0	1.0
MID %	10.2	6.0	8.6	5.0	9.6	5.0
GRAN 10 ⁹ /L	0.8	0.8	3.9	1.0	12.3	3.0
GRAN %	19.2	11.0	46.8	7.0	60.2	8.0
RBC 10 ¹² /L	2.27	0.15	4.32	0.20	5.31	0.25
HGB g/dL	5.3	0.5	11.4	0.6	15.5	0.7
[HGB] g/L	53	5	114	6	155	7
HCT %	17.0	2.0	35.4	3.0	45.7	4.0
[HCT] L/L	0.170	0.020	0.354	0.030	0.457	0.040
MCV fL	75	6	82	6	86	6
MCH pg	23.3	2.0	26.4	2.0	29.2	2.0
MCHC g/dL	31.2	3.0	32.2	3.0	33.9	3.0
[MCHC] g/L	312	30	322	30	339	30
RDW %	19.8	5.0	17.9	5.0	17.5	5.0
PLT 10 ⁹ /L	84	15	227	30	603	60
PCT %	0.06	0.03	0.18	0.06	0.47	0.20
MPV fL	7.7	1.5	7.7	1.5	7.8	1.5
PDW %	14.3	5.5	13.6	3.7	13.5	2.7

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 parametere / Wieloparametrowa 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

\bar{x} 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 / Unitá 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 dei 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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