

Supplemental Table 1. Analytical parameters for chemistry analytes

Analyte	Testing Platform	Roche Reagent Cat #	Roche Calibrator Cat #
Ferritin	Roche Cobas E602 analyzer	373755190	03737586190, Ferritin CalSet, 4 x 1 mL
Iron	Roche Cobas c502 analyzer	3183696122	10759350 190 Calibrator f.a.s
Transferrin	Roche Cobas c702 analyzer	5588855190	11355279 216 Calibrator f.a.s
CRP	Roche Cobas c702 analyzer	5950864190	11355279 216 Calibrator f.a.s

Supplemental Table 2. Statistical analysis according to analyte, sex and age partition

Analyte	Sex and age partition	N	Statistical analysis
CRP	Male and 10 days to <1 year	296	Non-parametric
CRP	Male and 1 <3 years	1001	Parametric (log transformed)
CRP	Male and 3 <6 years	1195	Parametric (log transformed)
CRP	Male and ≥6 years	406	Non-parametric
CRP	Female and 10 days to <1 years	243	Non-parametric
CRP	Female and 1 <3 years	896	Non-parametric
CRP	Female and 3 <6 years	1073	Parametric (log transformed)
CRP	Female and ≥6 years	346	Non-parametric
FERRITIN	Male and 10 days to <1 years	266	Non-parametric
FERRITIN	Male and 1 <3 years	909	Non-parametric
FERRITIN	Male and 3 <6 years	1069	Parametric (log transformed)
FERRITIN	Male and ≥6 years	411	Non-parametric
FERRITIN	Female and 10 days to <1 years	233	Non-parametric
FERRITIN	Female and 1 <3 years	817	Non-parametric
FERRITIN	Female and 3 <6 years	949	Non-parametric
FERRITIN	Female and ≥6 years	353	Non-parametric
IRON	Male and 10 days to <1 years	254	Non-parametric

IRON	Male and 1 <3 years	786	Non-parametric
IRON	Male and 3 <6 years	947	Non-parametric
IRON	Male and $\geq 6$ years	293	Non-parametric
IRON	Female and 10 days to <1 years	186	Non-parametric
IRON	Female and 1 <3 years	705	Non-parametric
IRON	Female and 3 <6 years	861	Non-parametric
IRON	Female and $\geq 6$ years	251	Non-parametric
HGB	Male and 10 days to <1 years	288	Parametric
HGB	Male and 1 <3 years	815	Non-parametric
HGB	Male and 3 <6 years	979	Non-parametric
HGB	Male and $\geq 6$ years	422	Non-parametric
HGB	Female and 10 days to <1 years	237	Parametric
HGB	Female and 1 <3 years	707	Non-parametric
HGB	Female and 3 <6 years	844	Non-parametric
HGB	Female and $\geq 6$ years	355	Parametric
MCV	Male and 10 days to <1 years	275	Non-parametric
MCV	Male and 1 <3 years	814	Non-parametric
MCV	Male and 3 <6 years	974	Non-parametric
MCV	Male and $\geq 6$ years	415	Parametric

MCV	Female and 10 days to <1 years	230	Parametric
MCV	Female and 1 <3 years	687	Non-parametric
MCV	Female and 3 <6 years	844	Non-parametric
MCV	Female and >=6 years	342	Non-parametric
PLT	Male and 10 days to <1 years	281	Non-parametric
PLT	Male and 1 <3 years	816	Non-parametric
PLT	Male and 3 <6 years	988	Non-parametric
PLT	Male and >=6 years	421	Non-parametric
PLT	Female and 10 days to <1 years	228	Parametric
PLT	Female and 1 <3 years	706	Non-parametric
PLT	Female and 3 <6 years	843	Non-parametric
PLT	Female and >=6 years	347	Non-parametric
TRANSFERRIN	Male and 10 days to <1 years	248	Parametric
TRANSFERRIN	Male and 1 <3 years	765	Non-parametric
TRANSFERRIN	Male and 3 <6 years	925	Non-parametric
TRANSFERRIN	Male and >=6 years	292	Non-parametric
TRANSFERRIN	Female and 10 days to <1 years	186	Parametric
TRANSFERRIN	Female and 1 <3 years	669	Non-parametric
TRANSFERRIN	Female and 3 <6 years	841	Non-parametric

TRANSFERRIN	Female and $\geq 6$ years	249	Non-parametric
WBC	Male and 10 days to $< 1$ years	293	Non-parametric
WBC	Male and $1 < 3$ years	824	Non-parametric
WBC	Male and $3 < 6$ years	988	Non-parametric
WBC	Male and $\geq 6$ years	420	Non-parametric
WBC	Female and 10 days to $< 1$ years	236	Non-parametric
WBC	Female and $1 < 3$ years	706	Non-parametric
WBC	Female and $3 < 6$ years	859	Non-parametric
WBC	Female and $\geq 6$ years	351	Non-parametric