MAYO CLINIC LABORATORIES

1-800-533-1710

BUAUC

Busulfan, Intravenous Dose, Area Under the Curve (AUC), Plasma

Patient ID	Patient Name		Birth Date	Gender	Age
SA00003590	SAMPLEREPORT, BUAUC N		1966-09-09	M	49
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00003590	SA00003590	CLIENT, CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		22 Sep 2015 06:00			

Initial Dose SDL	Weight SDL	Age SDL
60.0 mg q6h	75.0 kg	49.00 yr

Infusion Start SDL

09/22/2015 04:00

Infusion Stop SDL

09/22/2015 06:00

Area Under the Curve, (0-6 Hour) SDL

1000 (mcmol/L)(min)

REFERENCE VALUE
900–1500 (mcmol/L)(min)

Clearance SDL

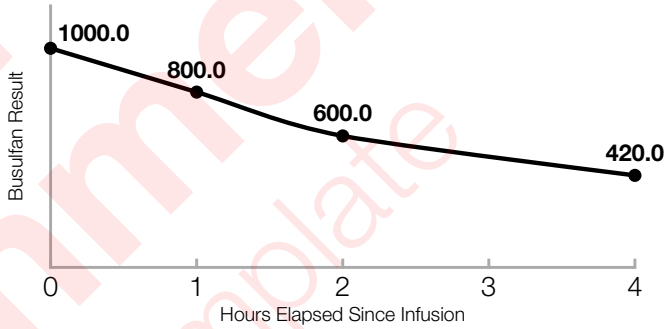
3.0 (mL/min)/kg

Reference Value
2.1–3.5 (mL/min)/kg

Recommended Dose SDL

80.0 mg q6h

ADDITIONAL INFORMATION
The recommended optimal dose is calculated based on the assumption of an ideal AUC=1100 (mcmol/L)(min).



Draw Date/Time	Busulfan Result
22 Sep 2015 06:00	1000 ng/mL
22 Sep 2015 07:00	800 ng/mL
22 Sep 2015 08:00	600 ng/mL
22 Sep 2015 10:00	420 ng/mL

Received: 23 Sep 2015 09:45 **Reported:** 23 Sep 2015 10:13

Test Environment
BUAUC Template

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55901	William G. Morice M.D. Ph.D	24D1040592