



Klinik für Anästhesiologie

Dept. Of Anesthesiology
Sektion Experimentelle Anästhesiologie, 89081 Ulm

Ärztlicher Direktor:
Prof Dr. med. Dr. med. h. c. M. Georgieff

To

Sektion Experimentelle Anästhesiologie
Prof. Dr. E. Marion Schneider

Sender of

Albert-Einstein-Allee 23 - 89081 Ulm
Telefon: 0731 500- 600 80/81
Fax: 600 82
E-Mail: marion.schneider@uni-ulm.de

../.../.../.....

Re: Name, first name, DOB/.../.....

Diagnosis:

Key	ID's	Date taken blood	Patient	Material	Diagnosis
#.....	PB	../.../.....	A..... B.....	4ml Na-heparin	nn

Results of Biomarkers determined in Plasma

#.....

Cytokines and biomarkers

Biomarker	Result	amount
EPO	7.62	mU/ml
IL-10	4.73	pg/ml
IL-1 β	0.61	pg/ml
IL-6	1.49	pg/ml
IL-8	13.60	pg/ml
TNF- α	12.70	pg/ml

Receptors

Soluble IL-2 receptor α	Result	amount
sCD25	488.00	U/ml

LBP

Lipopolysaccharide binding protein	Result	amount
LBP	2.84	μ g/ml

Ferritin

	Result	amount
Plasma Ferritin	18.90	ng/ml

Normal range: IL-10= < 3-15 pg/ml; IL-1 β = <1-3 pg/ml; IL-6= < 6-10 pg/ml; TNF- α = < 3-15 pg/ml;
IL-8 < 70 pg/ml; sCD25= 200-500 U/ml (adults), <1000 U/ml (children); Plasma Ferritin= < 50 ng/ml;
erythropoietin (EPO)= < 30 mU/ml, lipopolysaccharide binding protein (LBP)=< 15 μ g/ml,

Assessment:

Biomarker analysed here shows no alterations from a healthy donor phenotype.

With best regards

Prof. Dr. M. Schneider