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LAMPIRAN

ICAM-1 (CD54) Human Simple Step ELISA Kit Cat. No. Ab174445

Mean / STD DEV
OD

<>	1	2	3	4	5	6	7	8	9	10	11	12
A	2.279	0.045	0.118	0.018	0.240	0.012	0.300	0.020	0.196	0.012	0.276	0.018
B	1.205	0.032	0.277	0.011	0.240	0.018	0.312	0.023	0.226	0.009	0.283	0.011
C	0.674	0.013	0.129	0.015	0.214	0.018	0.100	0.001	0.119	0.006	0.144	0.013
D	0.336	0.013	0.151	0.006	0.230	0.002	0.113	0.007	0.134	0.011	0.226	0.011
E	0.209	0.008										
F	0.142	0.004										
G	0.108	0.002										
H	0.050	0.002										

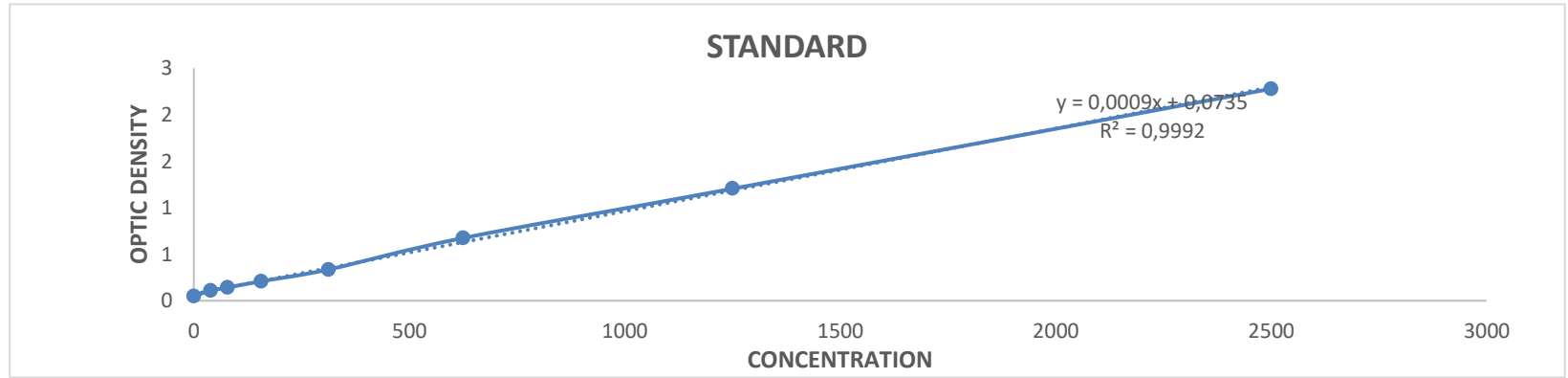


Sampel / Concentration (ng/ml)

	1	2	3	4	5	6	7	8	9	10	11	12
A	ICAM-1#1	2500	B01	50.5118036	B02	186.9801	B03	254.933449	B04	137.559482	B05	227.41515
B	ICAM-1#2	1250	B06	228.538346	B07	187.541698	B08	267.850201	B09	171.255358	B10	235.839119
C	ICAM-1#3	625	C01	62.30536	C02	157.777007	C03	30.2942783	C04	51.6349995	C05	79.7148957
D	ICAM-1#4	312.5	C06	87.5772667	C07	175.748141	C08	44.8958243	C09	67.9213393	C10	171.816956
E	ICAM-1#5	156.2										
F	ICAM-1#6	78.1										
G	ICAM-1#7	39.1										
H	NEG	0										



Conc	OD
2500	2.279
1250	1.205
625	0.674
312.5	0.336
156.2	0.209
78.1	0.142
39.1	0.108
0	0.050



ICAM-1 (CD54) Human Simple Step ELISA Kit Cat. No. Ab174445

Mean / STD DEV
OD

<>	1	2	3	4	5	6	7	8	9	10	11	12
A	2.356	0.084	0.129	0.009	0.150	0.011	0.104	0.012	0.110	0.002	0.158	0.010
B	1.271	0.049	0.123	0.008	0.131	0.006	0.159	0.004	0.136	0.017	0.100	0.006
C	0.676	0.026										
D	0.343	0.012										
E	0.222	0.006										
F	0.133	0.005										
G	0.096	0.003										
H	0.047	0.001										

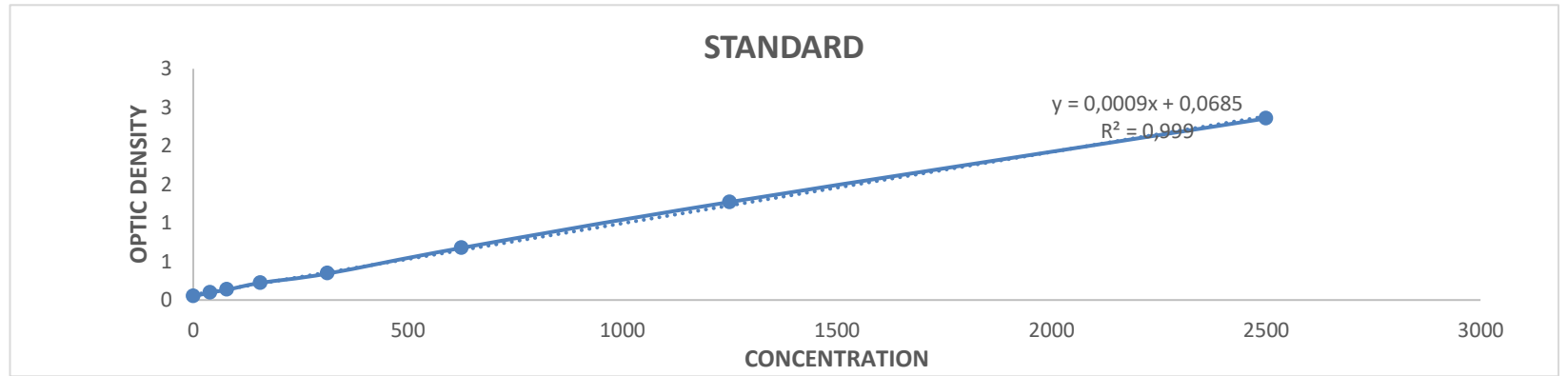


Sampel / Concentration (pg/ml)

	1	2	3	4	5	6	7	8	9	10	11	12
A	ICAM-1#1	2500	A01	65.3577684	A02	88.554028	A03	38.3853735	A04	44.8587483	A05	97.1851943
B	ICAM-1#2	1250	A06	58.8843936	A07	67.51556	A08	97.7246422	A09	73.4494868	A10	34.6092382
C	ICAM-1#3	625										
D	ICAM-1#4	312.5										
E	ICAM-1#5	156.2										
F	ICAM-1#6	78.1										
G	ICAM-1#7	39.1										
H	NEG	0										



Conc	OD
2500	2.356
1250	1.271
625	0.676
312.5	0.343
156.2	0.222
78.1	0.133
39.1	0.096
0	0.047

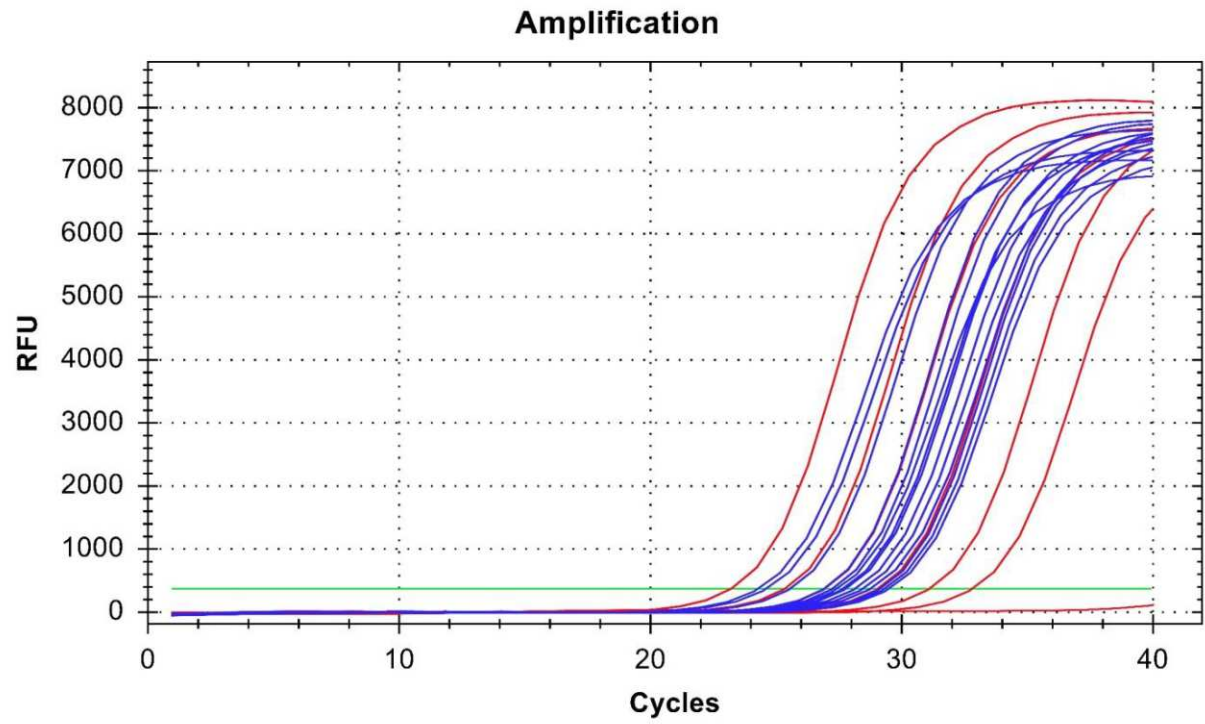


Layout RTPCR ICAM-1 Plate 1

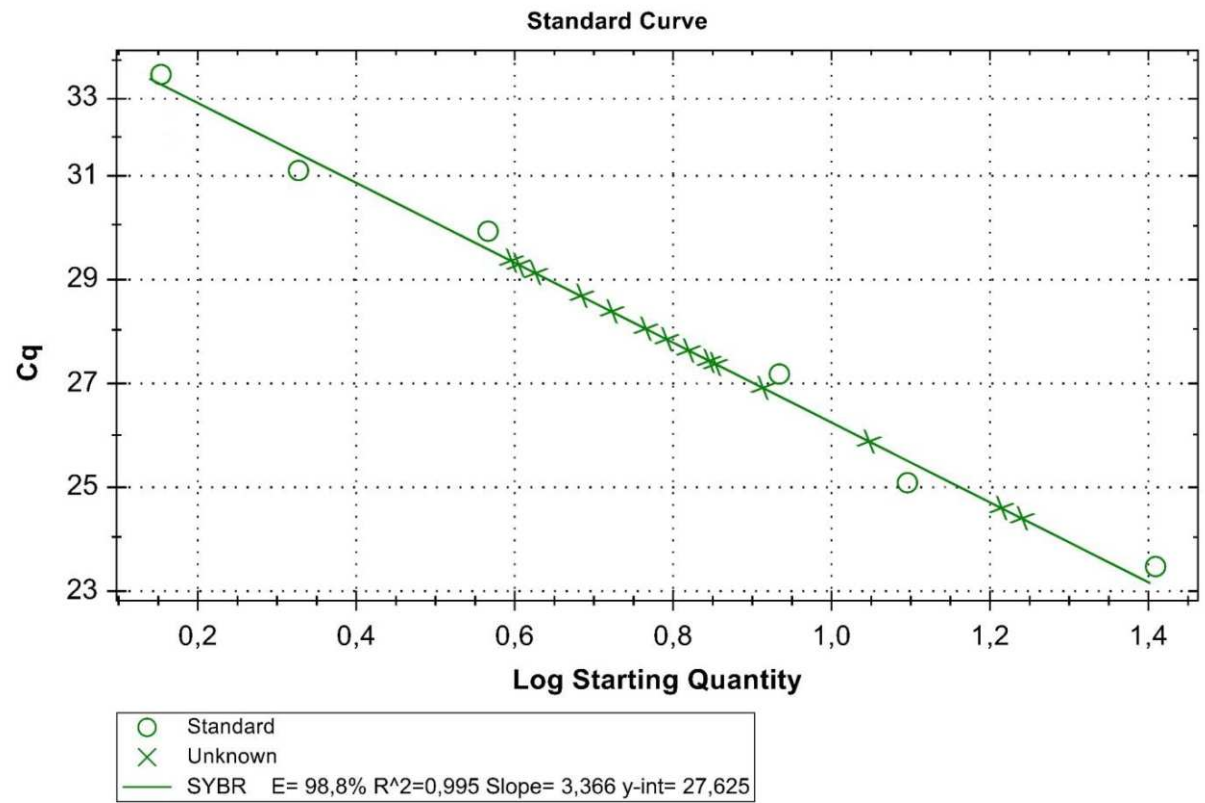
	1	2	3	4	5	6	7	8	9	10	11	12
A	Std1	Std1	Std1	Unk1	Unk1	Unk1	Unk2	Unk2	Unk2	Unk3	Unk3	Unk3
B	Std2	Std2	Std2	Unk4	Unk4	Unk4	Unk5	Unk5	Unk5	Unk6	Unk6	Unk6
C	Std3	Std3	Std3	Unk7	Unk7	Unk7	Unk8	Unk8	Unk8	Unk9	Unk9	Unk9
D	Std4	Std4	Std4	Unk10	Unk10	Unk10	Unk11	Unk11	Unk11	Unk12	Unk12	Unk12
E	Std5	Std5	Std5	Unk13	Unk13	Unk13	Unk14	Unk14	Unk14	Unk15	Unk15	Unk15
F	Std6	Std6	Std6									
G	NTC	NTC	NTC									
H												



Amplification RTPCR ICAM-1 Plate 1



RTPCR ICAM-1 Plate 1



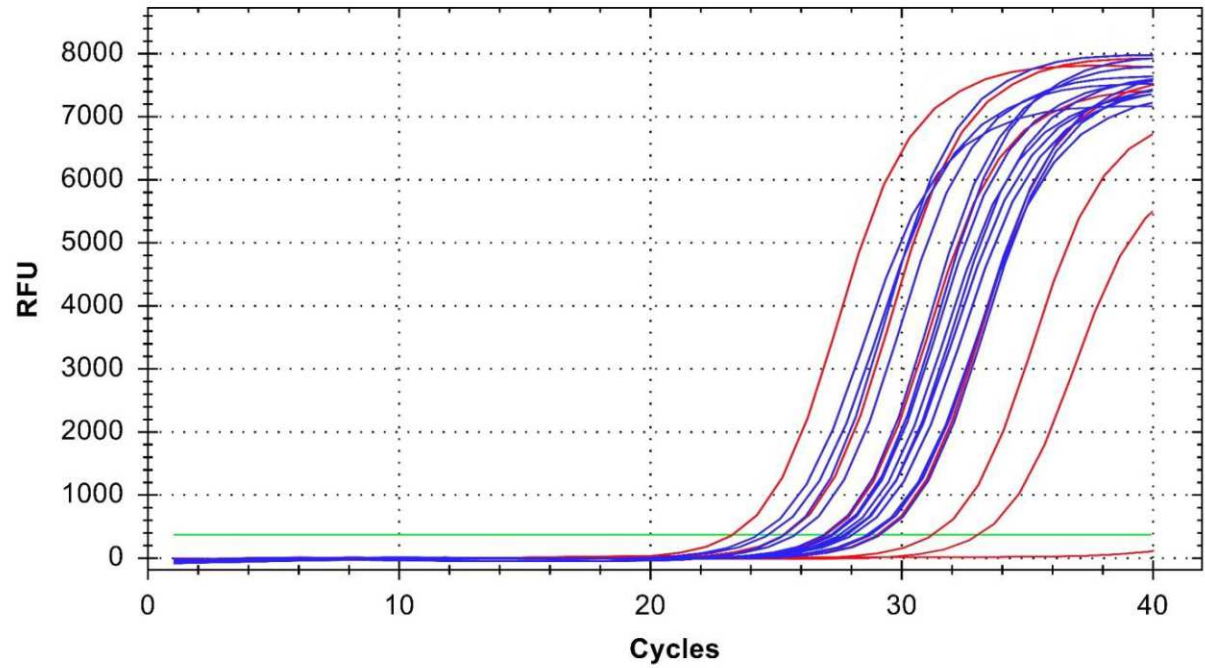
Layout RTPCR ICAM-1 plate 2

	1	2	3	4	5	6	7	8	9	10	11	12
A	Std1	Std1	Std1	Unk1	Unk1	Unk1	Unk2	Unk2	Unk2	Unk3	Unk3	Unk3
B	Std2	Std2	Std2	Unk4	Unk4	Unk4	Unk5	Unk5	Unk5	Unk6	Unk6	Unk6
C	Std3	Std3	Std3	Unk7	Unk7	Unk7	Unk8	Unk8	Unk8	Unk9	Unk9	Unk9
D	Std4	Std4	Std4	Unk10	Unk10	Unk10	Unk11	Unk11	Unk11	Unk12	Unk12	Unk12
E	Std5	Std5	Std5	Unk13	Unk13	Unk13	Unk14	Unk14	Unk14	Unk15	Unk15	Unk15
F	Std6	Std6	Std6									
G	NTC	NTC	NTC									
H												

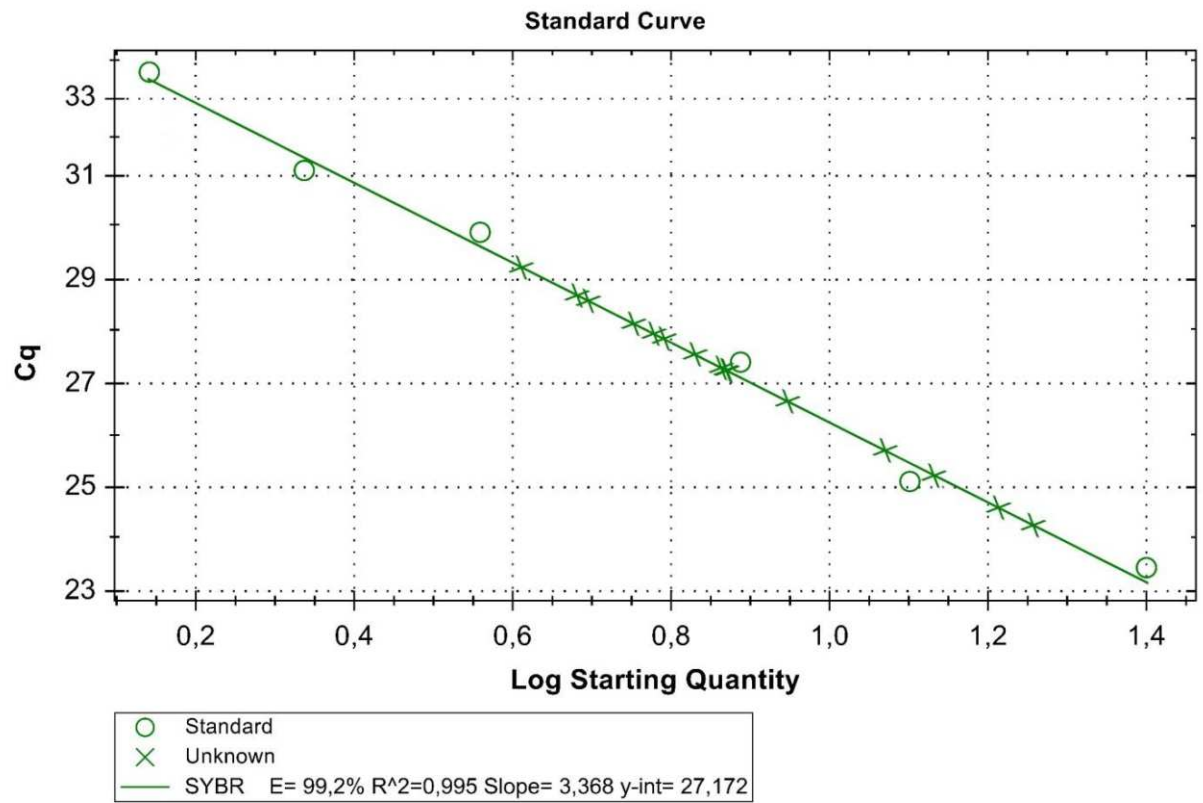


RTPCR ICAM-1 plate 2

Amplification



RTPCR ICAM-1 plate 2



ICAM-1 (CD54) Human Simple Step ELISA Kit Cat. No. Ab174445

Layout

<>	1	2	3	4	5	6	7	8	9	10	11	12
A	Standard 1	Standard 1	Sample-1	Sample-1	Sample-2	Sample-2	Sample-3	Sample-3	Sample-4	Sample-4	Sample-5	Sample-5
B	Standard 2	Standard 2	Sample-6	Sample-6	Sample-7	Sample-7	Sample-8	Sample-8	Sample-9	Sample-9	Sample-10	Sample-10
C	Standard 3	Standard 3	Sample-11	Sample-11	Sample-12	Sample-12	Sample-13	Sample-13	Sample-14	Sample-14	Sample-15	Sample-15
D	Standard 4	Standard 4	Sample-16	Sample-16	Sample-17	Sample-17	Sample-18	Sample-18	Sample-19	Sample-19	Sample-20	Sample-20
E	Standard 5	Standard 5										
F	Standard 6	Standard 6										
G	Standard 7	Standard 7										
H	NEG	NEG										

Sampel

<>	1	2	3	4	5	6	7	8	9	10	11	12
A	ICAM-1#1	2500	B01	B01	B02	B02	B03	B03	B04	B04	B05	B05
B	ICAM-1#2	1250	B06	B06	B07	B07	B08	B08	B09	B09	B10	B10
C	ICAM-1#3	625	C01	C01	C02	C02	C03	C03	C04	C04	C05	C05
D	ICAM-1#4	312.5	C06	C06	C07	C07	C08	C08	C09	C09	C10	C10
E	ICAM-1#5	156.2										
F	ICAM-1#6	78.1										
G	ICAM-1#7	39.1										
H	NEG	0										



Optimization Software:
www.balesio.com

	2	3	4	5	6	7	8	9	10	11	12
	2.311	0.131	0.105	0.248	0.231	0.286	0.314	0.204	0.187	0.288	0.263
	1.227	0.284	0.269	0.253	0.227	0.328	0.295	0.219	0.232	0.275	0.291

C	0.683	0.665	0.139	0.118	0.226	0.201	0.099	0.101	0.115	0.123	0.153	0.135
D	0.345	0.326	0.147	0.155	0.228	0.231	0.118	0.108	0.141	0.126	0.234	0.218
E	0.203	0.215	0.045	0.046	0.045	0.049	0.045	0.048	0.045	0.046	0.045	0.045
F	0.145	0.139	0.047	0.046	0.052	0.047	0.047	0.047	0.047	0.046	0.047	0.046
G	0.106	0.109	0.046	0.047	0.048	0.048	0.047	0.044	0.05	0.048	0.046	0.045
H	0.051	0.048	0.044	0.045	0.047	0.046	0.048	0.046	0.047	0.047	0.044	0.047



LAMPIRAN SINGKATAN

1. AGF : Angiogenesis Factor
 2. ALI : Acute Lung Injury
 3. Ar : Argon
 4. ARDS : Acute Respiratory Distress Syndrome
 5. ATA : Atmosfer Absolut
 6. atm : Atmosfer
 7. ATP : Adenosin Trifosfat
 8. CD54 : Cluster of Differentiation 54
 9. Cl : Klorida
 10. CO : Karbonmonoksida
 11. Ct : Cycle threshold
 12. DNA : Deoxyribonucleic acid
 13. ECM : Extracellular matrix
 14. EDTA : Etylen Diamine Tetra Acetat
 15. ELISA : Enzyme Linked Immunosorbent Assay
 16. ER : Emergency Room
 17. F-actin : Filamen aktin
 18. Fsw : Feet of Sea Water
 19. GAPDH : Glyceraldehyde 3-phosphate dehydrogenase
- : Guanidiumthiocyanate
- : Asam Sulfat
- : Hemoglobin



23. HBO2 : Oksihemoglobin
24. HCl : Hydrogen Chloride
25. He : Helium
26. HIV : Human Immunodeficiency Virus
27. HRP : Horse Radish Peroxidase9
28. HSP : Heat Shock Protein
29. Ht : Hematokrit
30. ICAM-1 : Intercellular Adhesive Molecule -1
31. ICU : Intensive Care Unit
32. IFN-y : Interferon
33. IL-6 : Interleukin-6
34. i-NOS : Inducible Nitric Oxide Synthase
35. ISPA : Infeksi Saluran Pernapasan Akut
36. LF-1 : Leucocyte Function Associated Antigen-1
37. LFA-1 : Lymphocyte Function Associated Antigen-1
38. Ig-G : Immunoglobulin -G
39. LPB : Luas Permukaan Tubuh
40. Mac-1 : Macrophage Adhesion Ligand -1
41. ml : Mililiter
42. MMP : Matrix Metallo Proteinase
43. MODS : Multiple Organ Dysfunction Syndrome
- : Messenger Ribonucleic Acid
- : Meter of sea water



46. mVSS : Modified Vancouver Scar Scale
47. N₂ : Nitrogen
48. Na : Natrium
49. NADH : Nikotinamida Adenosin Dinukleotida Hidrogen
50. NFPA : National Fire Protection Association
51. NO : Nitrogen Oxide
52. O₂ : Oksigen
53. PBS : Phospate Buffered Saline
54. PCR : Polymerase Chain Reaction
55. pH : Power of hydrogen
56. PMN : Polymorphonuclear Leucocytes
57. PMNs : Polymorphonuclear Neutrophils
58. PPOK : Penyakit Paru Obstruksi Kronik
59. RNA : Ribonucleic acid
60. ROS : Reactive Oxygen Species
61. rpm : Rotasi per Menit
62. RT-PCR : Reverse Transcription Polymerase Chain Reaction
63. RUBT : Ruang Udara Bertekanan Tinggi
64. SPSS : Statistical Package for the Social Sciences
65. TBE : Tris Borate Buffer
66. TGF-β : Transforming Growth Factor -β
- : Tetrametilbenzidin
- : Tumor Necrosis Factor -α



69. TOHB : Terapi Oksigen Hiperbarik
70. UV : Ultra Violet
71. VEGF : Vascular Endothelial Growth Factor
72. VSS : Vancouver Scar Scale
73. WHO : World Health Organization

