

MEDETOX

Innovative Methods of Monitoring of Diesel Engine Exhaust Toxicity in Real Urban Traffic (LIFE10 ENV/CZ/651)

Oxidative stress - 8-oxodG

Date:

Calibration line

ln (8-oxodG)

0,22

binding (B; %)

binding (B; %)-average

8-oxodG (ng/ml)

0,92

99,17	85,98	98,91	101,46	87,96	91,19	84,10
81,90	75,27	74,90	86,88	70,56	82,21	72,82
60,56	54,89	61,07	63,78	56,64	64,73	58,45
41,40	45,51	41,31	46,23	46,49	44,79	41,71
28,96	25,45	28,17	28,12	30,14	27,67	27,72
17,38	15,45	16,55	15,96	16,99	17,99	17,74

92,68	1,25	1,61
77,79	2,5	2,30
60,02	5	3,00
43,92	10	3,69
28,03	20	
16,87	40	

50% inhibition

50% inhibition-average

7,40	7,51	7,17	8,72	7,65	8,85	7,11
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7,77

-24,55

%B: 77.8-43.9

100,10

slope

intercept

-16,18

%B: 28.0-16.9

76,59

slope

intercept



