

## MEDETOX

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

**Micronucleus assay – protocol** (visual scoring in binucleated cells - BNC)

Cell line:		Sample ID:		Scorer:	
Project:		Microscope:		Date:	
Cell Number/ID	Position (microscope)	Draft	Number of micronuclei (MN)	Nucleoplasmic bridges (NPBs)	Nuclear buds (NBUDs)/another
1./					
2./					
3./					
4./					
5./					
6./					
7./					
8./					
<b>Total BNC:</b>	<b>% AB.C.:</b>	<b>BNC with MN:</b>	<b>Total MN:</b>	<b>NPB:</b>	<b>NBUDs/another:</b>

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Cell Number/ID	Position (microscope)	Draft	Number of micronuclei (MN)	Nucleoplasmic bridges (NPBs)	Nuclear buds (NBUDs)/another
9./					
10./					
11./					
12./					
13./					
14./					
15./					
16./					
<b>Total BNC:</b>	<b>% AB.C.:</b>	<b>BNC with MN:</b>	<b>Total MN:</b>	<b>NPB:</b>	<b>NBUDs/another:</b>

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17./					
18./					
19./					
20./					
21./					
22./					
23./					
24./					
<b>Total BNC:</b>	<b>% AB.C.:</b>	<b>BNC with MN:</b>	<b>Total MN:</b>	<b>NPB:</b>	<b>NBUDs/another:</b>

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Cell Number/ID	Position (microscope)	Draft	Number of micronuclei (MN)	Nucleoplasmic bridges (NPBs)	Nuclear buds (NBUDs)/another
25./					
26./					
27./					
28./					
29./					
30./					
31./					
32./					
<b>Total BNC:</b>	<b>% AB.C.:</b>	<b>BNC with MN:</b>	<b>Total MN:</b>	<b>NPB:</b>	<b>NBUDs/another:</b>

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Cell Number/ID	Position (microscope)	Draft	Number of micronuclei (MN)	Nucleoplasmic bridges (NPBs)	Nuclear buds (NBUDs)/another
33./					
34./					
35./					
36./					
37./					
38./					
39./					
40./					
<b>Total BNC:</b>	<b>% AB.C.:</b>	<b>BNC with MN:</b>	<b>Total MN:</b>	<b>NPB:</b>	<b>NBUDs/another:</b>

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Project:		Microscope:		Date:	
Cell Number/ID	Position (microscope)	Draft	Number of micronuclei (MN)	Nucleoplasmic bridges (NPBs)	Nuclear buds (NBUDs)/another
41./					
42./					
43./					
44./					
45./					
46./					
47./					
48./					
<b>Total BNC:</b>	<b>% AB.C.:</b>	<b>BNC with MN:</b>	<b>Total MN:</b>	<b>NPB:</b>	<b>NBUDs/another:</b>

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#### **Micronucleus assay – protocol** (visual scoring in binucleated cells - BNC)

Cell line:		Sample ID:		Scorer:	
Project:		Microscope:		Date:	
Cell Number/ID	Position (microscope)	Draft	Number of micronuclei (MN)	Nucleoplasmic bridges (NPBs)	Nuclear buds (NBUDs)/another
49./					
50./					
51./					
52./					
53./					
54./					
55./					
56./					
<b>Total BNC:</b>	<b>% AB.C.:</b>	<b>BNC with MN:</b>	<b>Total MN:</b>	<b>NPB:</b>	<b>NBUDs/another:</b>