

Name:

Date:

LABORATORY REPORT No 3

Basics of Working with Tissue Cultures

TASK 1: Monitoring of Suspension and Adherent Cell Lines (Drawing)

Adherent Cells	Suspension cells
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Conclusion:

TASK 2: Determination of THP-1 Cell Viability

Calculation of cell concentration per ml:

Calculation of viability [%]:

Conclusion:

TASK 3 – Determination of cytotoxicity of the tested substances

Explain the terms:

- **Resazurin:**
- **THP-1 cells:**
- **LD₅₀:**

Cell Calculation:

Table

	Fluorescence		
	Cells	Blank	Difference cells - blank
20% SDS			
5% SDS			
1,25% SDS			
0,31% SDS			
0,08% SDS			
Growth control			

Conclusion: