

Research and Development

NAME: Marta Skwarecka

DATE: 27.11.2020

PROPOSED PRODUCT: SAVD

1.Title (*The title tells what has been done. Should be short (preferably up to ten words) and describe the main point of the research).*

SAVD Maturity test

2. Purpose and scope (explain what the research is in a long sentence (be specific!))

The purpose of the test is to determine the stability of the SAVD test. The lyophilisate is stored at room temperature in a place protected from light and moisture. The analysis is performed at approximately 7-day intervals for the first month using the same concentrations of RNA templates suspended in SAVD buffer. After the first month the analysis is performed at approximately monthly intervals.

3. Method

Date of the test:	27.11.2020-30.10.2021		
Diaca of the test.	ul Szuhowcowa 8a 80 208 Cdańsk Doland		
Place of the test:	ui. Szybowcowa 8a, 80-298 Gaansk, Polana		
Test conditions	Temp 20,2°C		
(temperature, humidity):	Humidity 21%		
The person performing the tests:	Dr Marta Skwarecka		
LOT of reagents analyzed:	SAVD test: LOT 9961711201C		
	SAVD Buffer: LOT 1232912201		
	RNA SARS-CoV-2: LOT RNA101220J		
LOT of reference reagents and trade	N/A		
name:			

Description of the tested method:

1. 10-fold dilutions of RNA SARS-CoV-2 in SAVD buffer were prepared and 50 μ l of RNA was added to the well of the SAVD assay.

2. One well was used as negative control by adding 50 μl of SAVD buffer.

3. The tubes prepared in this way were placed in a thermal cycler and reacted according to the temperature-time profile of the SAVD test.

4. The test was carried out at regular intervals on the lyophilized SAVD test with the same LOT number.

5. The obtained results were and the summary table with the Ct values are presented in section 5 The results of the following report.

4. Tested samples (enter here what samples were tested)

Sample number	Name	Supplier	Producer (like commercial material)	Concentration (as commercial material)
1.	SAVD test	GeneMe	GeneMe	1x
2.	SAVD Buffer	GeneMe	GeneMe	1x
3.	RNA SARS-CoV-2	GeneMe	GeneMe	1x

5. Results (tables with results, tables with comparative results, charts, data repository)

Day 0 (27.11.20):



Figure 1. Dependence of the fluorescence level on the duration of the SAVD reaction, table of Ct values for individual RNA



Day 3. (30.11.20)





















signature: Sobre Zoiplousle