

# Extended Analysis Report



Sample: **A1M25G281\_P2**  
Measurement date: 2025年9月23日 下午 03:18

## Sample Details

Investigation: TRPS\_20250929  
Sample: A1M25G281\_P2  
721ddc64-536f-4e36-8033-c78cb9183333  
Electrolyte ID: PBS (137 mM)  
Dilution: 10  
Record: TRPS\_20250929\_NP200\_C10857\_20250923T143756.idfs  
aa064416-17b5-42f7-b0e7-0473c48eb038  
Notes:

## Sample Statistics

### Size

Particle Diameter - Mean (nm):	100	d50 (nm):	86
Particle Diameter - Mode (nm):	83	d10 (nm):	53
Particle Diameter - Max.(nm):	685	d90 (nm):	155
Particle Diameter - Min. (nm):	42	d90/d10:	2.94

Span 1.19

### Concentration

Measured Mean Concentration (particles/mL): [0-∞]	4.96e+08
Raw Mean Concentration (particles/mL): [0-∞]	4.96e+09

### Duration

Baseline Duration - Mean (ms):	0.80	FWHM Duration - Mean (ms):	0.05
Baseline Duration - Mode (ms):	0.28	FWHM Duration - Mode (ms):	0.04
Baseline Duration - Max. (ms):	47.56	FWHM Duration - Max. (ms):	0.25
Baseline Duration - Min. (ms):	0.20	FWHM Duration - Min. (ms):	0.02

### Run Statistics

Run Time (s):	225.9	Av. Current (nA):	1092.64
Particle Count:	582	Av. RMS Noise (pA):	31.03
Particle Rate (particles/min):	154.6		

## Measurement Settings

Measurement Date: 2025-09-23 03:18  
Operator: N/A  
N/A  
Instrument: Exoid-67-R  
Nanopore ID: NP200\_C Part #: N/A  
Stretch (mm): 46.99  
Pressure (Pa): 1000  
Voltage (mV): 1000  
Bandwidth Filter (kHz): Not Applied  
Gain: N/A

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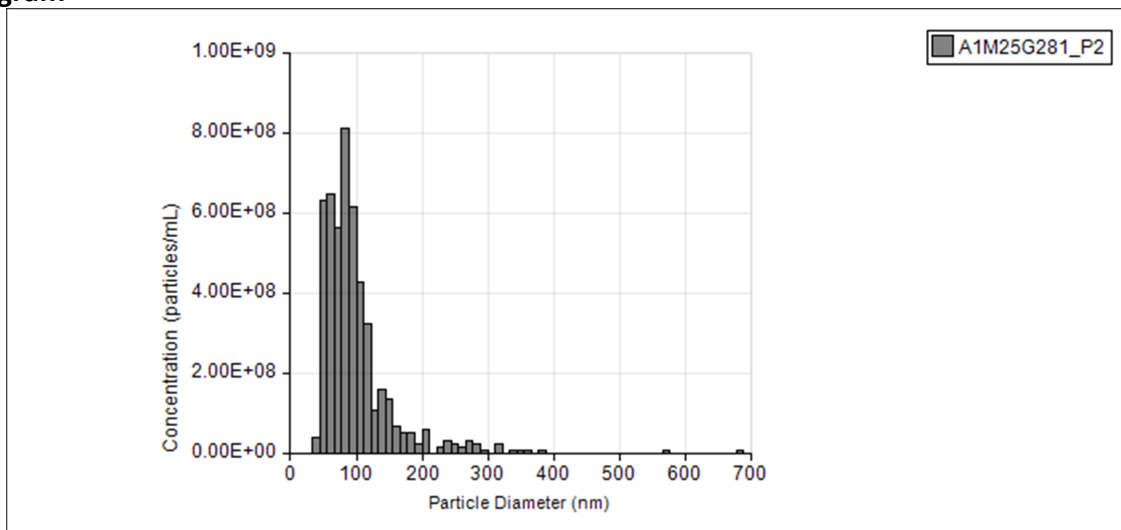
## Calibration Files

Sample ID	P (cm H2O)	Filename
CPC100_20230718_P2	1,000.00	C:\Users\MSI-XI\Documents\Exoid Data\TRPS_20250929 \TRPS_20250929_NP200_C10857_20250923T143756.idfs

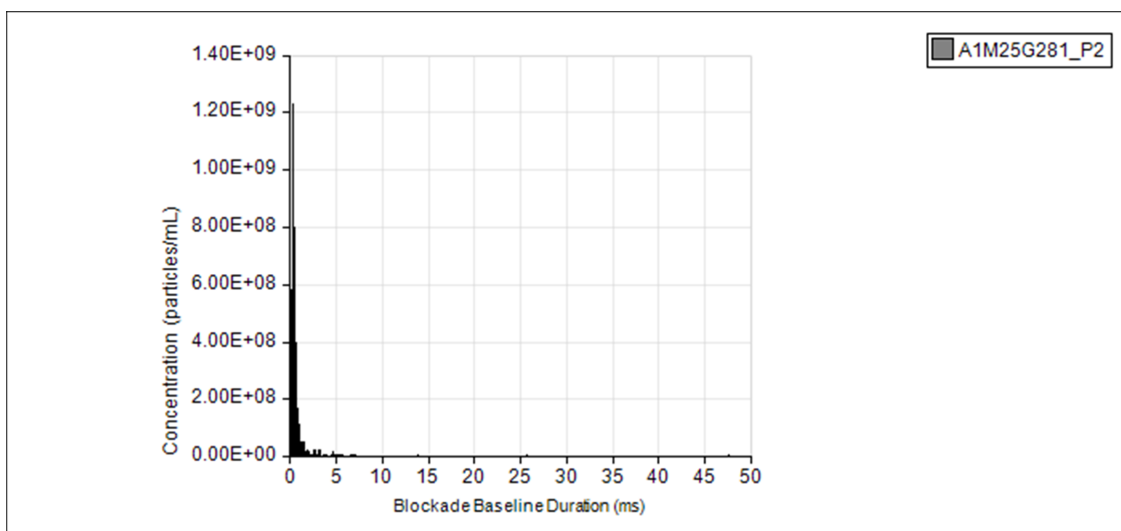
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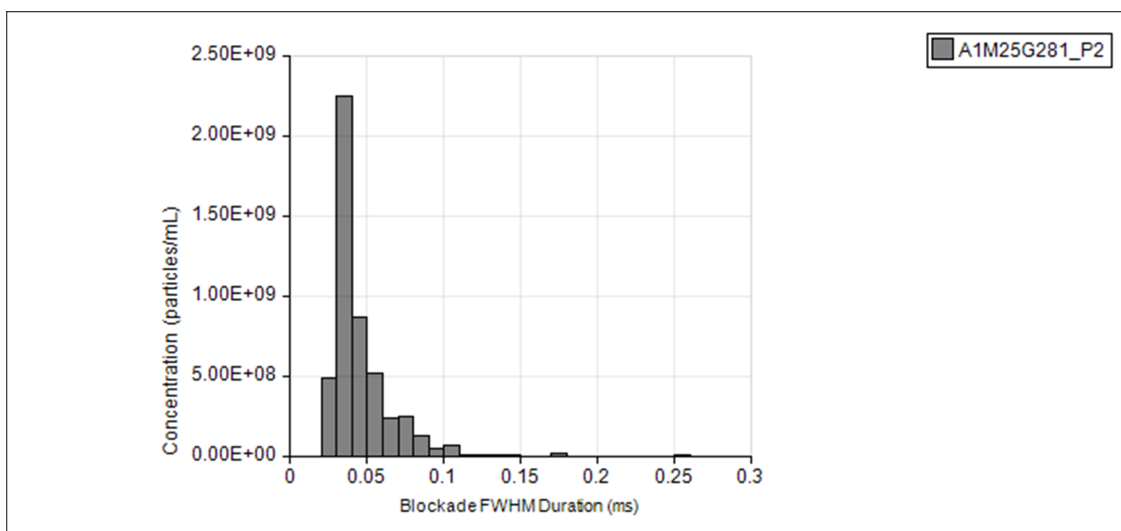
## Size Histogram



## Baseline Duration Histogram

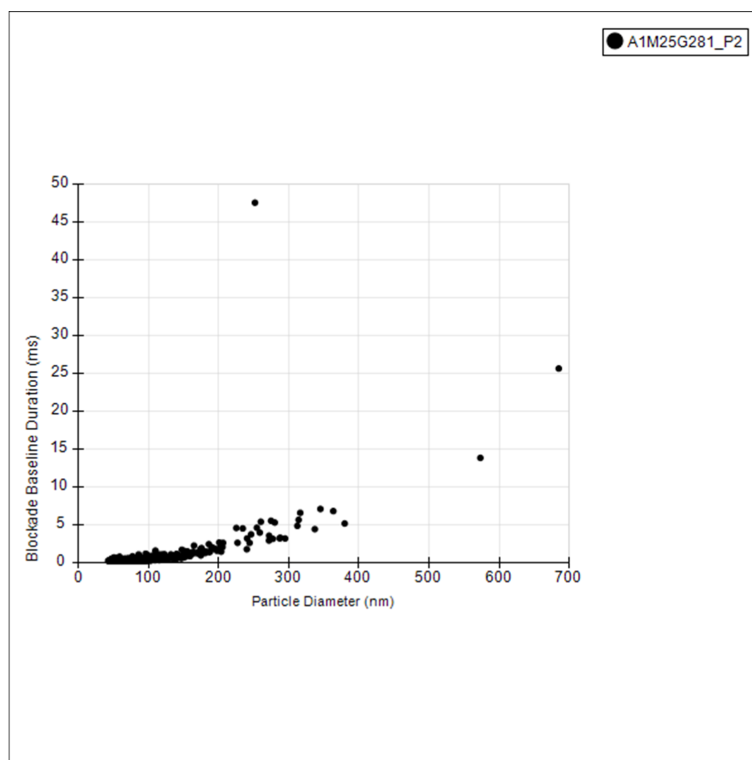


## FWHM Duration Histogram



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## Baseline Duration v Size Scatter Plot



## FWHM Duration v Size Scatter Plot

