## **ASSAY SPECIFICATIONS**



## **POSITIVE-READ THC ASSAY**

Analyte Key Characteristics Positive-read, small-molecule assay Assay Formats Result Formats Available Qualitative or Semi-Qual (visual), Quantitative or Semi-Qual (reader) Sample Saliva Buffer Required Yes Conjugate Material Gold nanoparticles Result Time Intended Usage Point of care drug testing Interfering Substances None known Test Concentrations Ong/ml 80 ng/ml 80 ng/ml 80 ng/ml  Boong/ml  Lowest Limit of Detection Assay Curve THC Assay Curve In Saliva In Running Buffer  THC Assay Curve THC Concentration (ng/ml)  Test Environment Laboratory Regulatory Approvals None Developer RAPIVD Ltd Accreditations Is O 13485:2016 Enquiries info@rapivd.com		
Assay Format Single strip lateral flow device  Result Formats Available  Qualitative or Semi-Qual (visual), Quantitative or Semi-Qual (reader)  Sample  Saliva  Buffer Required  Yes  Conjugate Material  Gold nanoparticles  Result Time  2 minutes to 15 minutes  Intended Usage  Point of care drug testing  Interfering Substances  None known  Test Concentrations  0 ng/ml  8.0 ng/ml  80 ng/ml  80 ng/ml  Lowest Limit of Detection  Assay Curve  THC Assay Curve  In Saliva — In Running Buffer  1000  100	Analyte	THC
Result Formats Available Sample Saliva Saliva Suffer Required Yes Conjugate Material Solid nanoparticles Result Time 2 minutes to 15 minutes Intended Usage Point of care drug testing Interfering Substances None known Test Concentrations  0 ng/ml 8.0 ng/ml 8.0 ng/ml 80 ng/ml  Lowest Limit of Detection Assay Curve  THC Assay Curve  THC Assay Curve  In Saliva In Running Buffer  1000 800 800 800 800 800 800 800 800 8	•	·
Sample Buffer Required Yes Conjugate Material Gold nanoparticles Result Time 2 minutes to 15 minutes Intended Usage Interfering Substances None known  Test Concentrations 0 ng/ml 8.0 ng/ml 8.0 ng/ml 800 ng/ml 800 ng/ml  Lowest Limit of Detection Assay Curve  THC Assay Curve  THC Assay Curve  In Saliva In Running Buffer  THC Oncentration (ng/ml)  Test Environment Regulatory Approvals None Peveloper RAPIVD Ltd Accreditations	•	
Buffer Required  Conjugate Material  Gold nanoparticles  Result Time  2 minutes to 15 minutes  Intended Usage Point of care drug testing  None known  7est Concentrations  0 ng/ml 8.0 ng/ml 8.0 ng/ml 800 ng/ml 800 ng/ml  Lowest Limit of Detection Assay Curve  THC Assay Curve  In Saliva In Running Buffer  1000 900 800 100 0 0.8 8.0 80 800 THC Concentration (ng/ml)  Test Environment Regulatory Approvals None  Developer RAPIVD Ltd Accreditations	Result Formats Available	Qualitative or Semi-Qual (visual), Quantitative or Semi-Qual (reader)
Conjugate Material   Gold nanoparticles	•	Saliva
Result Time   2 minutes to 15 minutes     Intended Usage   Point of care drug testing     Interfering Substances   None known	Buffer Required	Yes
Intended Usage   Point of care drug testing   Interfering Substances   None known    Test Concentrations   O ng/ml	Conjugate Material	Gold nanoparticles
Interfering Substances Test Concentrations  0 ng/ml 0.8 ng/ml 8.0 ng/ml 80 ng/ml  800 ng/ml  Lowest Limit of Detection Assay Curve  THC Assay Curve  In Saliva — In Running Buffer  1000 900 100 100 100 100 100 100 100 1	Result Time	2 minutes to 15 minutes
Test Concentrations	Intended Usage	Point of care drug testing
0.8 ng/ml   8.0 ng/ml   800 ng/ml   800 ng/ml   800 ng/ml   8.0		None known
8.0 ng/ml 80 ng/ml 800 ng/ml 800 ng/ml 8.0 ng/ml 1000 900 800 700 800 900 800 700 900 800 700 900 800 700 100 100 100 100 100 100 100 100 1	Test Concentrations	0 ng/ml
80 ng/ml   800 ng/ml   8.0 ng/ml   8.0 ng/ml   8.0 ng/ml		0.8 ng/ml
Lowest Limit of Detection   8.0 ng/ml		8.0 ng/ml
Lowest Limit of Detection  Assay Curve  THC Assay Curve  In Saliva In Running Buffer  1000 900 900 900 100 0 300 200 100 100 0 0.8 8.0 80 800 THC Concentration (ng/ml)  Test Environment  Regulatory Approvals  None  Developer  RAPIVD Ltd  Accreditations  Is Saliva In Saliva In Saliva In Saliva In Running Buffer  In Saliva In Saliva In Saliva In Saliva In Running Buffer  In Saliva In Saliva In Saliva In Running Buffer  In Saliva In Running Buffer  In Running Buffer  In Running Buffer  In Saliva In Running Buffer  In Running Buffe		80 ng/ml
THC Assay Curve In Saliva — In Running Buffer — 1000 900 800 800 800 800 100 100 100 100 100 1		800 ng/ml
THC Assay Curve In Saliva — In Running Buffer	<b>Lowest Limit of Detection</b>	8.0 ng/ml
Regulatory ApprovalsNoneDeveloperRAPIvD LtdAccreditationsISO 13485:2016	Assay Curve	1000 900 800 700 600 500 400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Regulatory ApprovalsNoneDeveloperRAPIvD LtdAccreditationsISO 13485:2016	Test Environment	Laboratory
DeveloperRAPIvD LtdAccreditationsISO 13485:2016		
Accreditations ISO 13485:2016	Regulatory Approvals	None
	Developer	RAPIvD Ltd
Product Code ASY017THC	Developer Accreditations	RAPIvD Ltd ISO 13485:2016

- A sensitive, positive-read, small-molecule assay to detect THC, with no hook-effect.
- Lab-tested, documented and ready for transfer to production.
- Small batch production available for testing and research purposes. Prices available on request (starting from £2,000)

## Also available:

- High volume/regular production
- Assay adaptation/modification
  Bespoke assay development, optimisation and other IVD solutions

Call or email now to find out more...

**PRODUCT & RESEARCH ENQUIRIES** 

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ISO 13485:2016 Certificate Number: MD 764061