



FastFinder

Automate & standardize your PCR workflow



An introduction to FastFinder

FastFinder is UgenTec's first software product. This platform uses artificial intelligence to analyse raw PCR (polymerase chain reaction) data from multiple commercial PCR devices, resulting in a more reliable measurement, accurate results & almost no eyes-on time.

The platform is used in molecular laboratories to dramatically improve quality & decrease the overall time-to-result, effectively allowing laboratories to automate their first technical validation with a software that can analyze curves exactly like experienced laboratory scientists.

Fully automated

The entire data interpretation process is automated. When a run is completed, the user sees the control checks, whether any QC violations occurred, the combined result of multiplex assays & the individual outcomes of different curves.

In the rare event that cases, the algorithm cannot classify a signal as positive or negative. If this occurs, the software automatically prompts lab technicians to intervene and assess the result manually.

End-to-end standardized

FastFinder eliminates user bias in data analysis. Using algorithms, curves are analyzed in a 100% reproducible fashion.

The entire decision making algorithm is coded into the software to interpret the results like a qualified lab scientist would.

Furthermore, for laboratories that want to apply two-step validation strategies, FastFinder supports a paperless and audit-trailed two-step workflow mode.

Completely flexible

The platform is compatible with raw output files of 10+ commercial PCR devices without any preprocessing or converting.

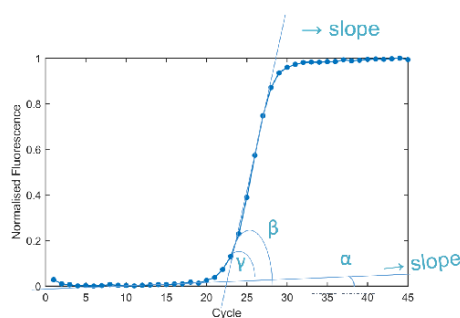
For laboratories that maintain a larger assay portfolio FastFinder can handle different types of assays. Whether they are quantitative or melting curve assays: they are managed in a single, easy-to-use software.

AI-based, standardized by design

How it works

No thresholds or baselines have to be set up. FastFinder uses advanced machine learning techniques to analyze the entire curves.

A variety of features, such as different slopes, angles, background noise and other Cq-calculation methods are used.



The simplest routine analysis flow

1

Login to FastFinder
on any computer

Username
username@laboratory.com

Password
•••••

☐ Save password [Forgot password?](#)

LOGIN

2

Start a new analysis

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START ANALYSES DEVICES ASSAYS

ANALYSES
In progress

Analysis name	Experiment date	User
Amplification curve analysis 1	01/10/2014 16:00:36	tara.daerden+sales@ugentec.co...
Melting curve analysis	01/10/2014 16:00:36	brecht.billen+sales@ugentec.co...
Melting curve analysis	01/10/2014 16:00:36	tara.daerden+sales@ugentec.co...
Melting curve analysis	01/10/2014 16:00:36	tara.daerden+sales@ugentec.co...

[More](#)

NEED HELP?
In the help section you can consult the user manual, go to the admin and contact us on support@ugentec.com.

[Help section](#)

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Setup your analysis, click
analyse and see results
appear

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START ANALYSES DEVICES ASSAYS

New run

1 Select datafile 2 Assign assay(s)

Current directory: C:\Users\Wouter Uten\Desktop\Demo files\Demonstration 3.0

Showing 7 of 7

File name	Date	Filesize (MB)
20160702-qPCR-demo10	24/09/2017	3.25
20160704-qPCR-demo10	24/09/2017	3.25
20160705-qPCR-demo10	24/09/2017	3.25
20160706-qPCR-demo10	24/09/2017	3.25
20160707-qPCR-demo10	24/09/2017	3.27
20160708-qPCR-demo10	24/09/2017	3.27
20160709-qPCR-demo10	24/09/2017	3.27

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An overview of your results is presented,
including all diagnostic answers

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START ANALYSES DEVICES ASSAYS

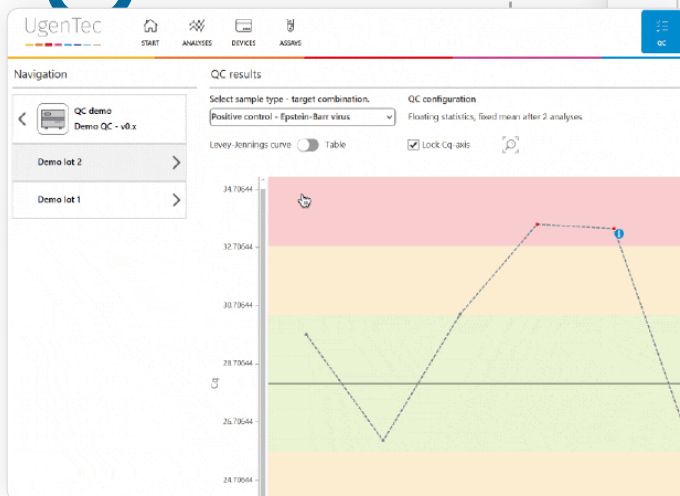
DATA INPUT RESULTS EXPORTS REPORTS

DATA INPUT RESULTS EXPORTS REPORTS

Well	Name	Assay	Result	Cq value (concentration)	Sample comment
Q10	Q10	Q10	Negative	1.0000000000000000	
K11	K11	K11	Negative	1.0000000000000000	
K12	K12	K12	Negative	1.0000000000000000	
K13	K13	K13	Negative	1.0000000000000000	
K14	K14	K14	Negative	1.0000000000000000	
K15	K15	K15	Negative	1.0000000000000000	
K16	K16	K16	Negative	1.0000000000000000	
K17	K17	K17	Negative	1.0000000000000000	
K18	K18	K18	Negative	1.0000000000000000	
K19	K19	K19	Negative	1.0000000000000000	
K20	K20	K20	Negative	1.0000000000000000	
K21	K21	K21	Negative	1.0000000000000000	
K22	K22	K22	Negative	1.0000000000000000	
K23	K23	K23	Negative	1.0000000000000000	
K24	K24	K24	Negative	1.0000000000000000	
K25	K25	K25	Negative	1.0000000000000000	
K26	K26	K26	Negative	1.0000000000000000	
K27	K27	K27	Negative	1.0000000000000000	
K28	K28	K28	Negative	1.0000000000000000	
K29	K29	K29	Negative	1.0000000000000000	
K30	K30	K30	Negative	1.0000000000000000	
K31	K31	K31	Negative	1.0000000000000000	
K32	K32	K32	Negative	1.0000000000000000	
K33	K33	K33	Negative	1.0000000000000000	
K34	K34	K34	Negative	1.0000000000000000	
K35	K35	K35	Negative	1.0000000000000000	
K36	K36	K36	Negative	1.0000000000000000	
K37	K37	K37	Negative	1.0000000000000000	
K38	K38	K38	Negative	1.0000000000000000	
K39	K39	K39	Negative	1.0000000000000000	
K40	K40	K40	Negative	1.0000000000000000	
K41	K41	K41	Negative	1.0000000000000000	
K42	K42	K42	Negative	1.0000000000000000	
K43	K43	K43	Negative	1.0000000000000000	
K44	K44	K44	Negative	1.0000000000000000	
K45	K45	K45	Negative	1.0000000000000000	
K46	K46	K46	Negative	1.0000000000000000	
K47	K47	K47	Negative	1.0000000000000000	
K48	K48	K48	Negative	1.0000000000000000	
K49	K49	K49	Negative	1.0000000000000000	
K50	K50	K50	Negative	1.0000000000000000	
K51	K51	K51	Negative	1.0000000000000000	
K52	K52	K52	Negative	1.0000000000000000	
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K62	K62	K62	Negative	1.0000000000000000	
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K64	K64	K64	Negative	1.0000000000000000	
K65	K65	K65	Negative	1.0000000000000000	
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K67	K67	K67	Negative	1.0000000000000000	
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K69	K69	K69	Negative	1.0000000000000000	
K70	K70	K70	Negative	1.0000000000000000	
K71	K71	K71	Negative	1.0000000000000000	
K72	K72	K72	Negative	1.0000000000000000	
K73	K73	K73	Negative	1.0000000000000000	
K74	K74	K74	Negative	1.0000000000000000	
K75	K75	K75	Negative	1.0000000000000000	
K76	K76	K76	Negative	1.0000000000000000	
K77	K77	K77	Negative	1.0000000000000000	
K78	K78	K78	Negative	1.0000000000000000	
K79	K79	K79	Negative	1.0000000000000000	
K80	K80	K80	Negative	1.0000000000000000	
K81	K81	K81	Negative	1.0000000000000000	
K82	K82	K82	Negative	1.0000000000000000	
K83	K83	K83	Negative	1.0000000000000000	
K84	K84	K84	Negative	1.0000000000000000	
K85	K85	K85	Negative	1.0000000000000000	
K86	K86	K86	Negative	1.0000000000000000	
K87	K87	K87	Negative	1.0000000000000000	
K88	K88	K88	Negative	1.0000000000000000	
K89	K89	K89	Negative	1.0000000000000000	
K90	K90	K90	Negative	1.0000000000000000	
K91	K91	K91	Negative	1.0000000000000000	
K92	K92	K92	Negative	1.0000000000000000	
K93	K93	K93	Negative	1.0000000000000000	
K94	K94	K94	Negative	1.0000000000000000	
K95	K95	K95	Negative	1.0000000000000000	
K96	K96	K96	Negative	1.0000000000000000	
K97	K97	K97	Negative	1.0000000000000000	
K98	K98	K98	Negative	1.0000000000000000	
K99	K99	K99	Negative	1.0000000000000000	
K100	K100	K100	Negative	1.0000000000000000	

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QC is automatically
tracked



More questions?

Whether you're a laboratory technician or an IT expert, we're happy to answer all your questions.

sales@ugentec.com