Platinum 6
Touchscreen software with networked analysis
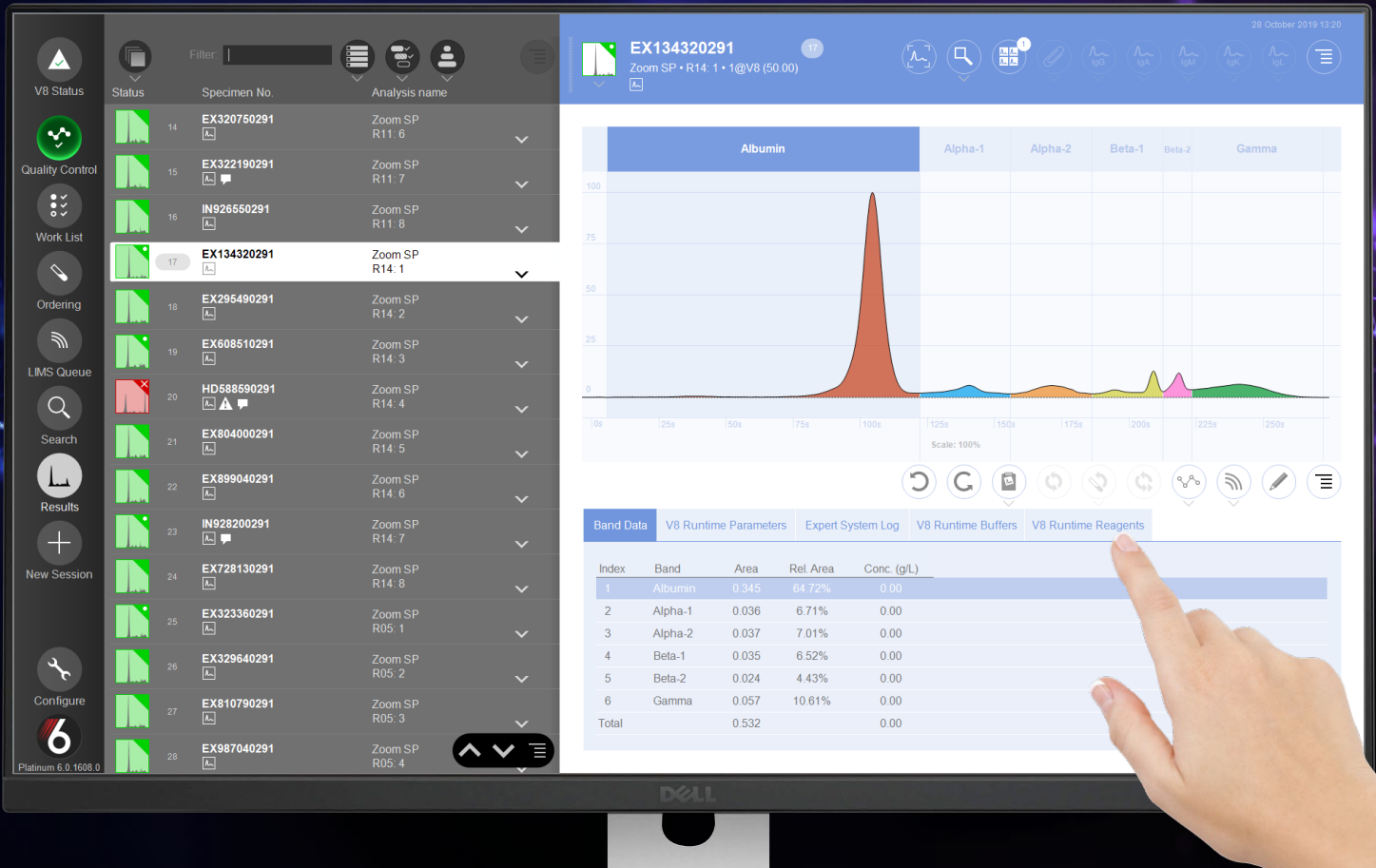
Platinum 6 incorporates cutting-edge, patented technologies and features that accelerate and streamline customer workflows and patient management.

Key features

> **Faster**

Up to 6× faster, with unlimited data capacity to store millions of patient results

> **Powerful**

Centralise data from all your analysers

> **Future-proofed**

Glyco Liver Profile and Carbamylated Albumin

> **Easier**

New and improved overlay and comparison tools

> **Refined**

Expanded and accelerated user interface

> **Smarter**

Improvements to QC workflows with automated recognition of control samples and running mean

Aim higher ⑥

39,479
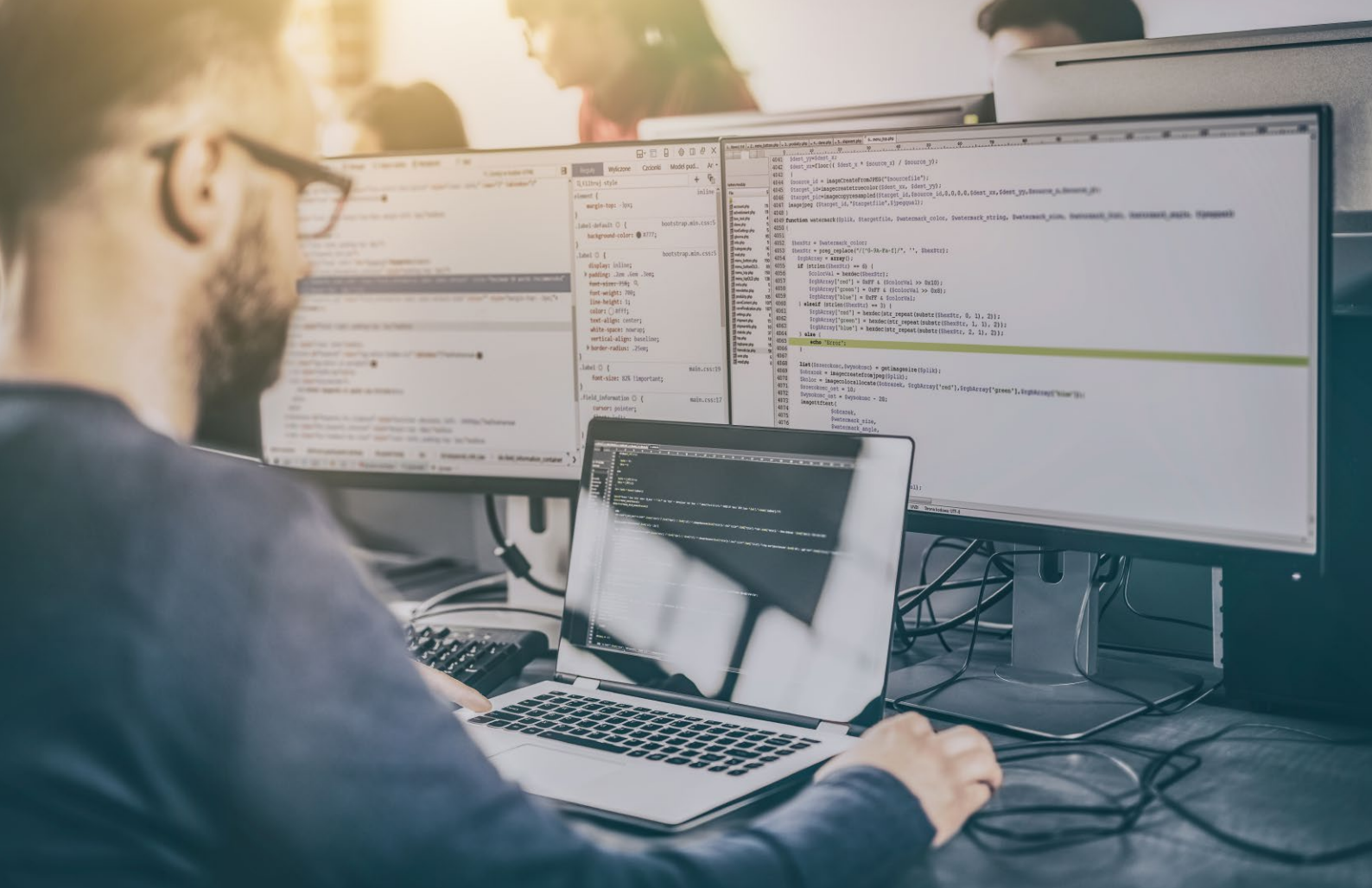Software changes…

1,576
Feature improvements…

116
Iterations…

7,300
Person-hours…

2½
Years of development

"The Platinum 6 story began three years ago, by identifying key areas where we knew the customer's experience could be further improved.

After well over 2 years of development, including a complete rewrite of Platinum's database system, we achieved huge speed increases across the application.

Alongside this, we delivered our third iteration of the touch screen interface, improving usability, visual consistency and the addition of new features, including the new Glyco Liver Profile.

Working closely with our clinical specialists, we have combined these key efforts and delivered a faster, much more powerful software package.

With the addition of Middleware and the availability of high-capacity, ultra-fast storage technologies, Platinum 6 delivers blistering performance and a fluid, responsive user interface.

We know our customers will be genuinely impressed by Platinum 6 when they see it".

**Adrian Garrett,
Lead Software Engineer, Platinum**

HELENA
LABORATORIES

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Tel: 800-231-5663 | **Fax:** 409-842-6241
www.helena.com

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INTER MEDICO

Fast and furious…

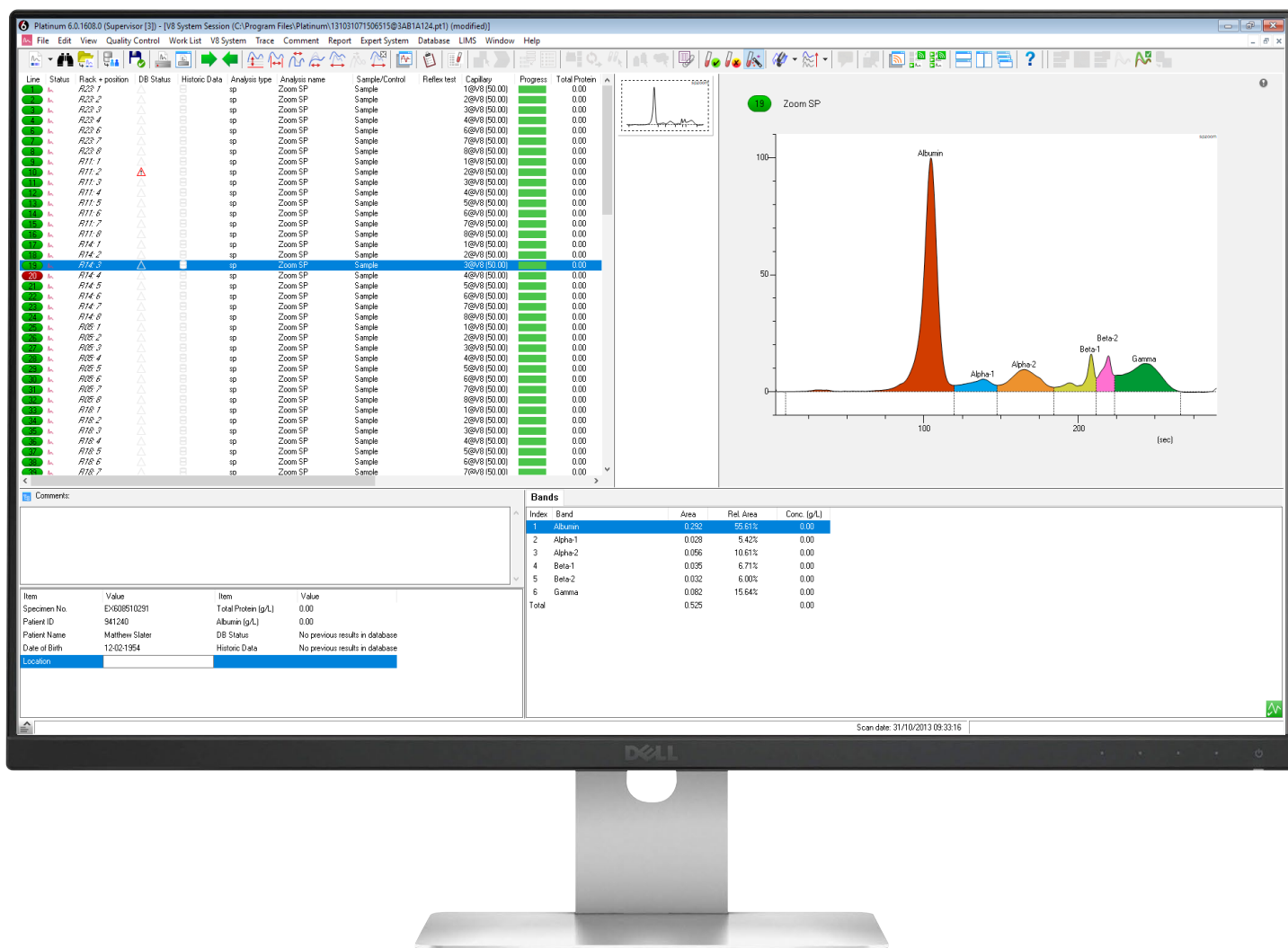Session load time:
8.7 → 2.1 seconds

Find similar patient:
1.6 → 0.6 seconds

Search patient database:
108 → 0.4 seconds

Platinum 6 Standard Edition


Platinum 6 Standard Edition
REF 400600: Non-touchscreen; requires Windows 10 and 64-bit PC

❯ Platinum 6 is extensively rewritten to be up to 6× faster for session management, data storage, searches and editing — especially for customers who generate large amounts of result data

❯ Re-built database engine supports unlimited data capacity whilst retaining lightning-fast storage and retrieval

❯ Automatic QC test ordering: Platinum 6 recognises control samples by barcode and applies user-set QC ranges

❯ Running-mean QC for local analyser monitoring

❯ Automatic flagging of carbamylated albumin peak

❯ Beautifully clear new report templates
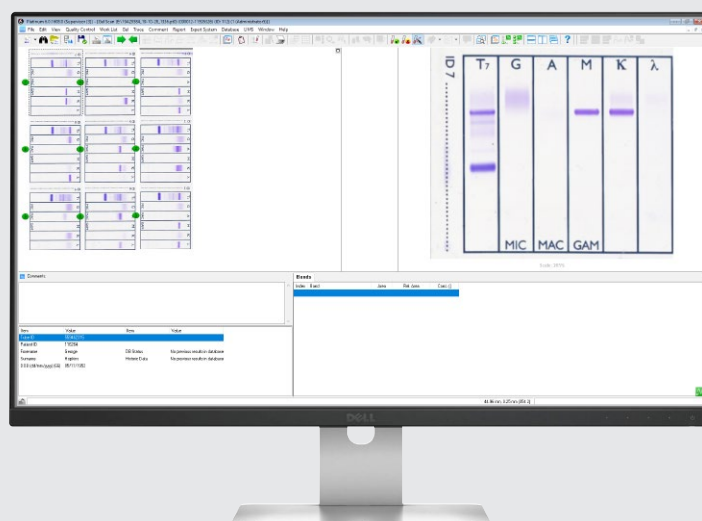
Platinum 6 Standard Edition provides a familiar mouse-driven environment for driving V8 NEXUS and managing gel scans. The improvements to performance and features make it the ideal starting point for SAS customers and those with low throughputs — whilst providing an update route with Touch, Expert and Middleware capabilities all available to purchase later.
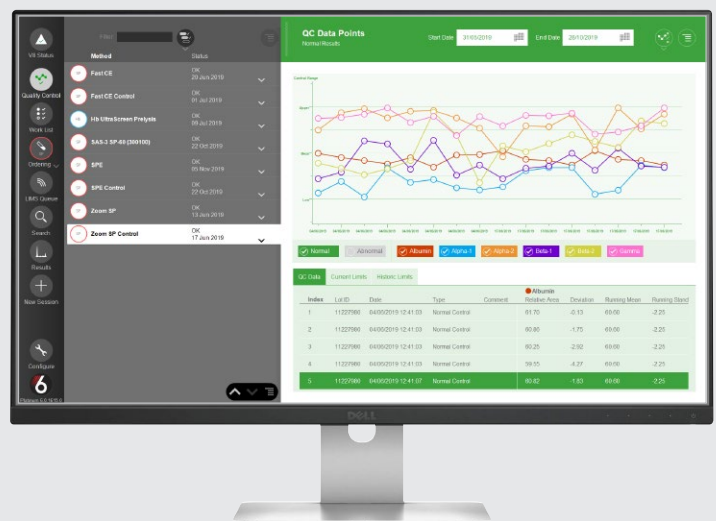
Platinum 6 Touch Edition
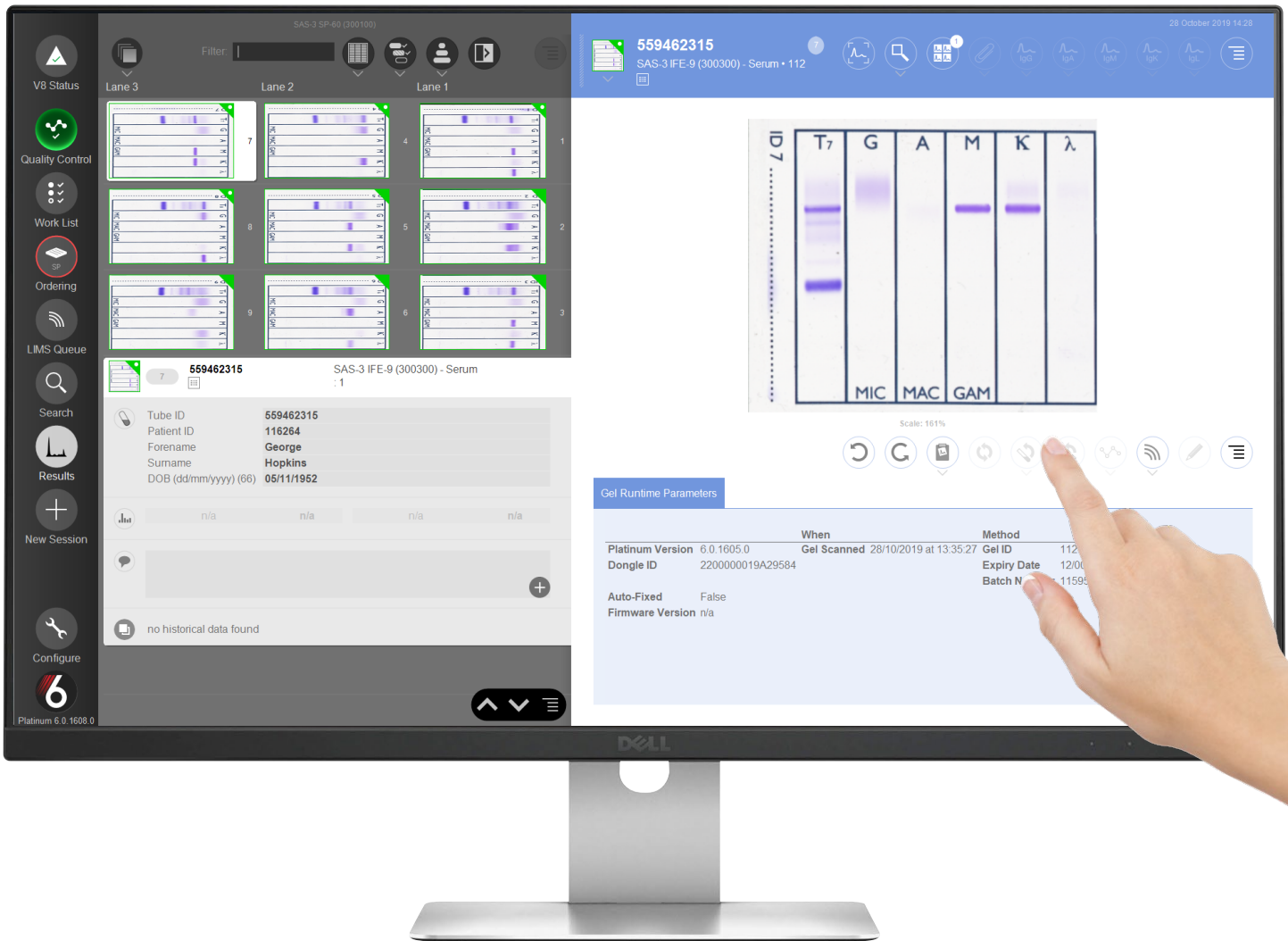
Platinum 6 Touch Edition
400601: Requires touchscreen, Windows 10 and 64-bit PC

- Refined touchscreen user interface with improved display of gel and CE results

- Extended and configurable instant demographics display: just drag the edge of the Navigation List to reveal more information for each result

- Instant Haemoglobin variant library overlay, with example traces

- Improved immunotyping and historical sample overlays with enhanced alignment feature

- Instant inspection of historical result comments

- Improved colour-coded display of the default capillary or gel method

- Supports new Glyco Liver Profile test

- Built-in Carbamylated Albumin functionality

Platinum 6 Touch streamlines and simplifies every task, reducing training times and improving performance. Your results, QC data and analyser management never looked better.

Platinum 6 Expert:

## (Expert System, Networked Interpretation and Track Connectivity)

400602: Requires Platinum 6, Windows 10 and 64-bit PC

Platinum's Expert System has been designed to save clinical time for those abnormal and rare samples that do not fit the normal profile. It allows the clinician to accurately determine the profile of a normal patient result through peak morphology, chemistry thresholds and other configurable settings.

Automatically marks sample as suspect, and displays Expert System status

Complete log of each Expert System decision

Sensitive detection of monoclonal peaks
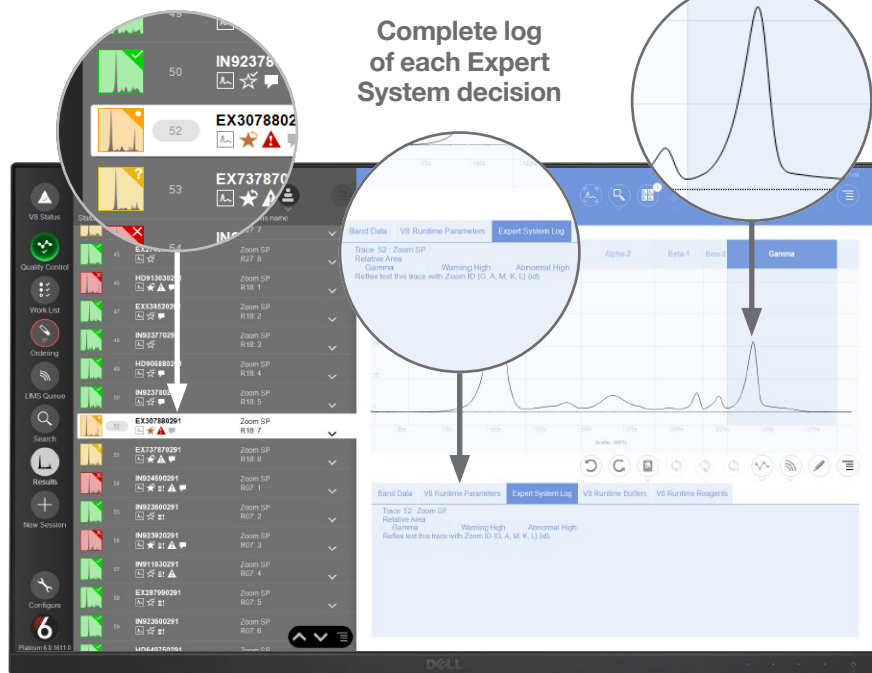
Example

A busy laboratory runs 300 samples per day. If clinical interpretation time per sample is 1 minute then this amounts to 5 hours of clinical time.

Expert System turned on
The Expert System saves clinical time by stratifying those patient samples that need urgent investigation. For example, if the Expert System automatically flags 50% of normal results, this would save **2½ hours** of interpretation time – time spent better looking at patients in need.

Auto Reflex Ordering turned on
For patient profiles that match the abnormal criteria of the Expert – samples can automatically be identified and despatched for reflex testing by either Immunodisplacement or immunofixation.

Key features

This very sophisticated tool helps technicians and scientists stratify and manage large patient workloads in busy labs thereby helping to streamline expert resource to patients that need it most.

- Streamlines large sample workloads by applying configurable rules which automate interpretation

- Configurable parameters for peak dimensions, relative areas and total protein allow each band to be assessed and marked as normal or abnormal

- Optimised for detection of small monoclonals

- External chemistry data can also be used, enabling richer comparisons to be made

- Provides full details of its activities and reasoning

- Can optionally automatically trigger reflex tests, either to Immunodisplacement or gel IFE

| nfiguration | Relative Area | Absolute Area | Peak Timings | Peak Heights | Chem |

☑ Activate Relative Area Analysis

Active	Abnormal <	Warning <	Band	> Warning	> Abnormal
☑	0.00	0.00	Albumin	100.00	100.00
☑	0.00	0.00	Alpha-1	10.00	25.00
☑	0.00	0.00	Alpha-2	14.50	30.00
☑	0.00	0.00	Beta-1	10.00	15.00
☑	0.00	0.00	Beta-2	12.50	17.50
☑	0.00	8.50	Gamma	18.50	37.00

Expert System is fully configurable on a per-method basis, allowing for highly customisable screening which is tailored to the clinical priorities of the lab.

Interpret and report — from anywhere you like.

Platinum 6 Expert provides Remote Interpretation, allowing an enabled PC to access a single analyser's results, from any location on the laboratory's network.

Ideal for a single-analyser lab

> **Focus on interpretation**
> The clinician can interpret and report on existing results in their office while analysis of new samples is ongoing in the laboratory

> **Uninterrupted workflow**
> Laboratory scientists can be dedicated to the continuous management and provision of samples to your analysers

> **Share the workload**
> Enhance productivity by allowing entire teams to be responsible for separate instrument monitoring and reporting tasks

V8 NEXUS (or gel analyser) PC stores its results as usual, and can send and receive data from a connected LIMS.

*Each **Platinum 6 Expert** PC can remotely view, edit and report separate session of results stored on the source PC (apart from the live V8 session).*
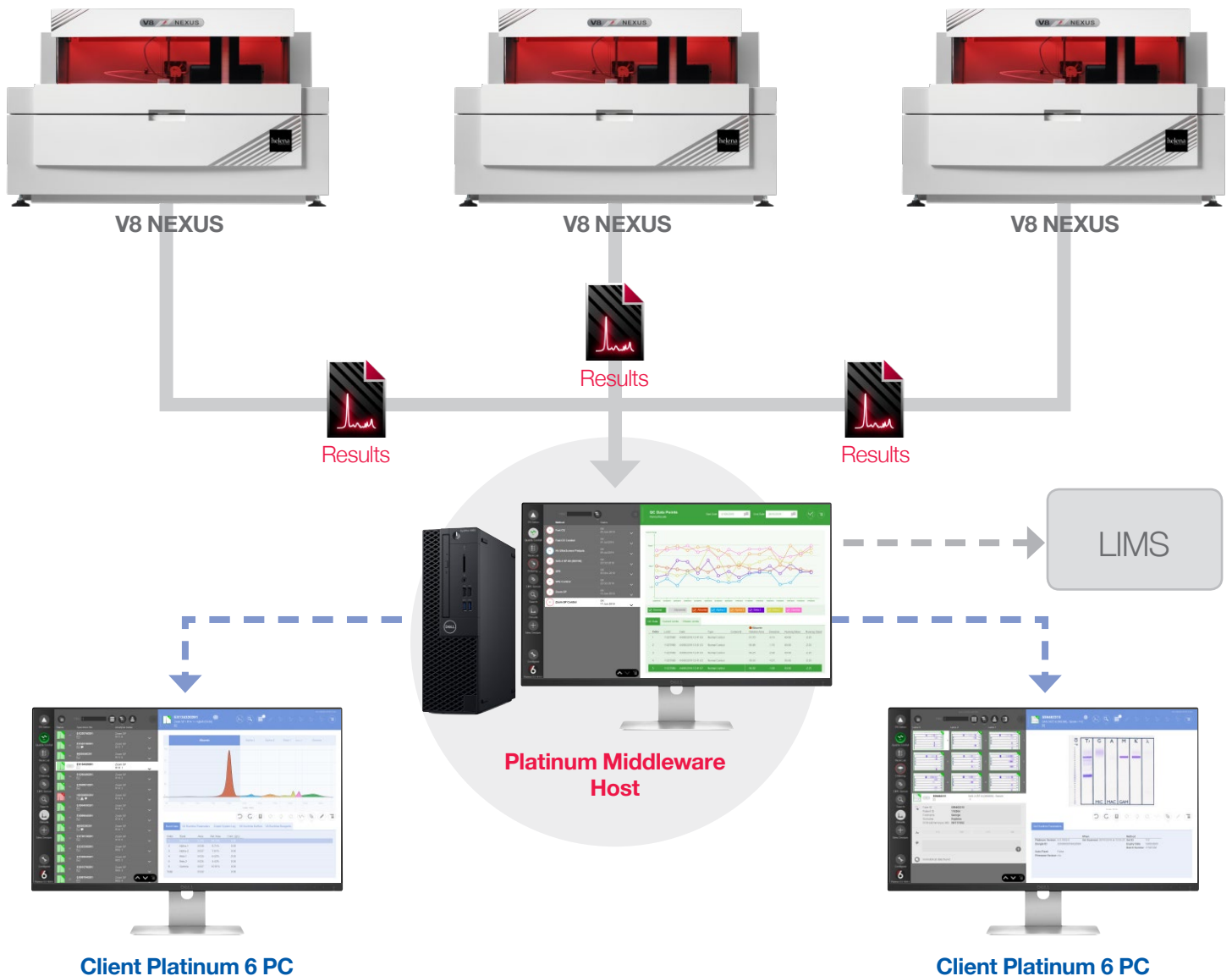
Multiple analysers? Streamline your data with Platinum 6 Middleware →

Platinum 6 Middleware

400603: Requires Platinum 6, Windows 10 and 64-bit PC

Centralised, real-time management of results from multiple networked analysers, providing a unified gel and capillary workflow.

V8 NEXUS · V8 NEXUS · V8 NEXUS

Results · Results · Results

Platinum Middleware Host

LIMS

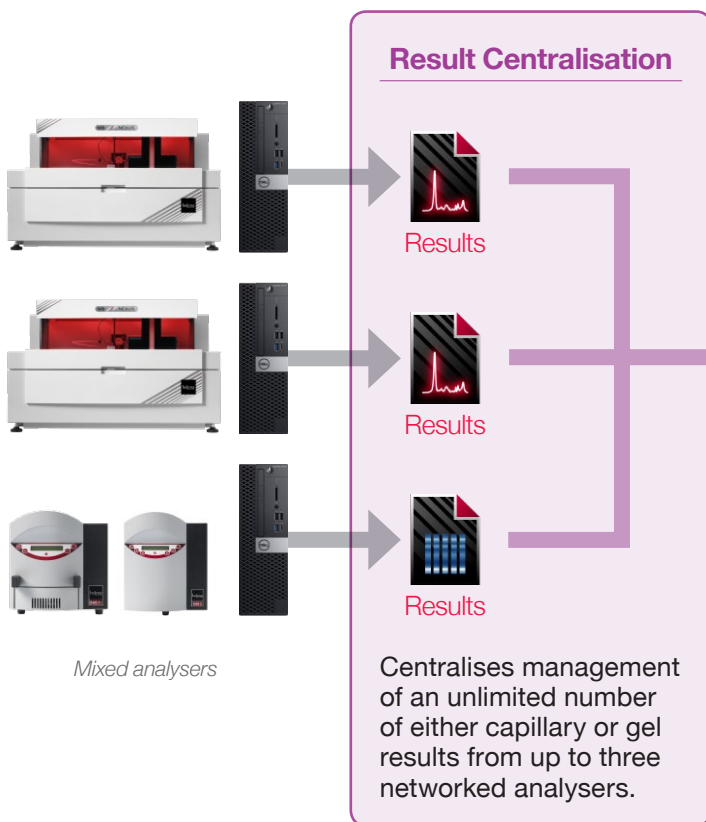**Client Platinum 6 PC** · **Client Platinum 6 PC**

Key features

- Revolution in high-throughput multi-analyser capillary and gel workflows

- Builds upon Platinum 6's database and networking enhancements to deliver major efficiency increases

- One session aggregates V8 and gel results from across the laboratory network in real-time

- Delivers all data to LIMS via a single connection

- View all capillary and gel results in the same list — as they are generated — for ultimate flexibility

- Allows real-time interpretation from multiple V8 NEXUS analysers simultaneously

- Multi-user interpretation allows reporting of completed results to be done by any number of clinicians working at remote sites

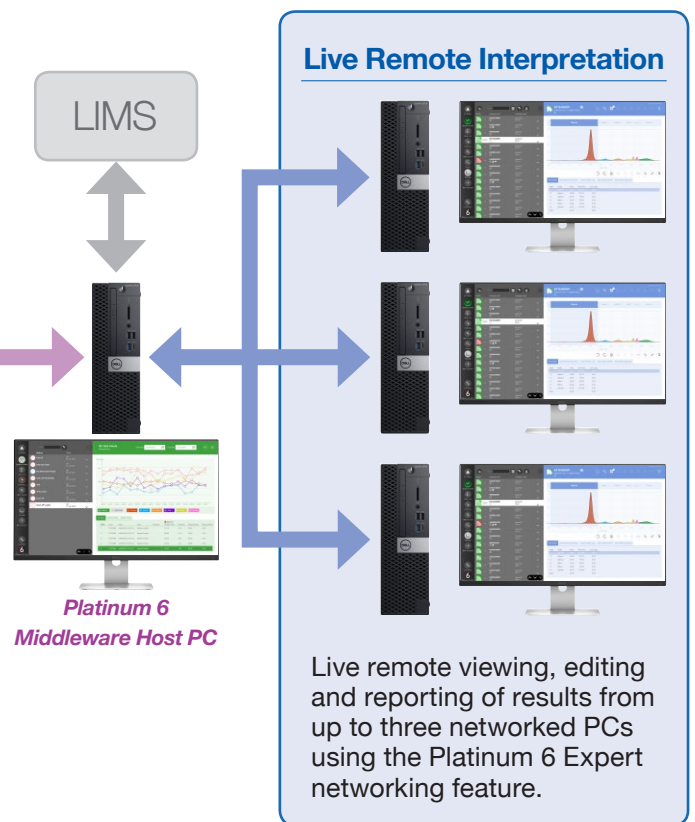- Platinum 6 access controls allow fine-grained management of user rights

Platinum 6 Middleware provides total flexibility.

A Platinum 6 Middleware site licence enables instant viewing and reporting of any results produced from up to three analysers in a customer laboratory, in real-time.

A licence provides:

And this:

Result Centralisation

LIMS

Results

Results

Results

Mixed analysers

Centralises management of an unlimited number of either capillary or gel results from up to three networked analysers.

Platinum 6 Middleware Host PC

Live Remote Interpretation

Live remote viewing, editing and reporting of results from up to three networked PCs using the Platinum 6 Expert networking feature.

Frequently Asked Questions

> **What if I have more than three analysers, or am planning to expand?**
> Speak to us about an extended licence, supporting more analysers and remote PCs.

> **How are capillary and gel results handled?**
> Each analyser's results are combined into a unified list — regardless of analysis type.

> **How will the laboratory connect to LIMS?**
> The Middleware Host PC is your LIMS connection, potentially saving a fortune in licencing costs.

> **Does the customer need an extra PC or server to store the centralised results?**
> Yes. You can provide a high-performance PC or server separately, but we recommend that you use Helena's Ultra PC for this demanding task.

*The **UltraPC** is optimised to accelerate the storage and retrieval of millions of results with Platinum 6.*

Instantly access millions of patient results.

Turbocharge Platinum 6 with the Ultra PC

Platinum 6 takes advantage of the ferocious power of the Ultra PC, enabling clinicians to access patient results for diagnosis and monitoring at blistering speed. The Ultra PC is designed to handle extremely large patient databases and networked installations with no slow-downs, using the latest storage technologies, gigabit networking and an 8-core CPU to deliver astounding performance gains while handling huge numbers of results.

Up to 385× the speed of Platinum 5:

Session load time:
8.7 ➔ 0.6 seconds

Search patient database:
108 ➔ 0.3 seconds

Find similar patient:
**1.6 ➔ 0.2 seconds**

Session save:
10.3 ➔ 3.8 seconds

Accessory List

REF	Description
400590	Standard Monitor
400591	High-Definition LCD Touchscreen
400592	64 bit Windows 10 PC NEW LOWER PRICE
400692	**Ultra PC (64-bit, Windows 10)** INTRODUCTORY PRICE
400593	Transparency Scanner NEW LOWER PRICE
211800	Scanner Alignment Guide

6 Glyco Liver Profile

V8 Glyco Liver Profile is a unique, non-invasive test that provides the clinician with a full picture of liver health regardless of aetiology — all from a single blood sample. Only available in Touch — upgrade today!
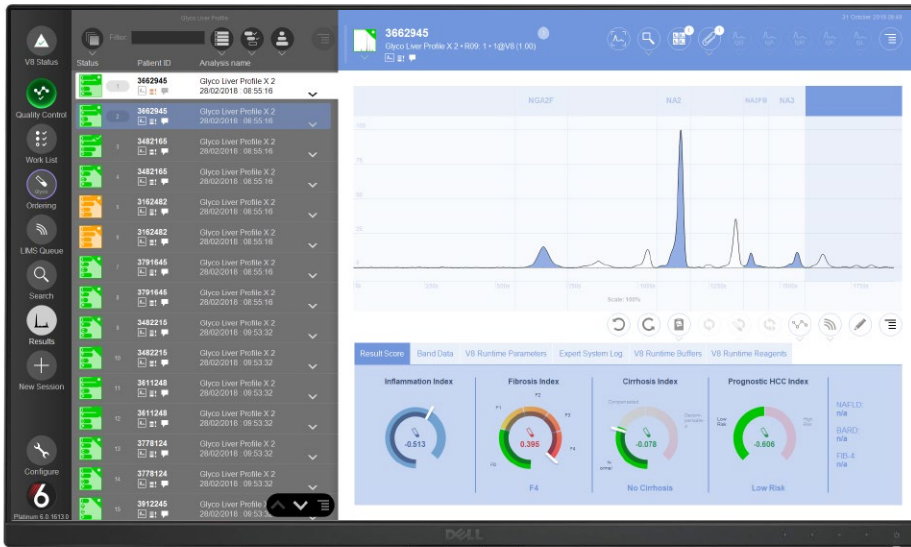
CE-Marked Glyco Liver Profile Kit with touchscreen interface and built-in clinical cut-points ready for diagnostic and prognostic liver testing

Inflammation Index

-0.404

Fibrosis Index

F1 F2 F3
F4
+0.388
F0

Moderate-to-Severe Fibrosis

Cirrhosis Index

Compensated
Decomp-ensated
-0.083
Normal

Warning

Prognostic HCC Index

Low Risk
High Risk
-0.686

Low Risk

NAFLD: -0.048

BARD: 1

FIB-4: 1.48

Key features

The Glyco Liver Profile builds a comprehensive picture of liver damage by selecting and measuring four specific N-glycans. N-glycans are polysaccharide structures found on secreted and membrane bound glycoproteins. Glyco Liver Profile calculates ratios between these N-glycans, from which it produces four indices of liver damage: inflammation, fibrosis, cirrhosis and hepatocellular carcinoma risk.

❯ **Streamline and reduce costs**
A single kit and serum sample allows you to consolidate screening — reducing analysis time, reducing costs and complexity for your clinic, laboratory and patients

❯ **Stratify patient care**
Our intuitive four-index results allows you to easily identify and manage patients early with a sensitive, specific and comprehensive profile

❯ **Predict and save lives**
A proven and accurate prognostic method that provides automated, long-term patient assessment for a more complete and consistent picture of disease progression
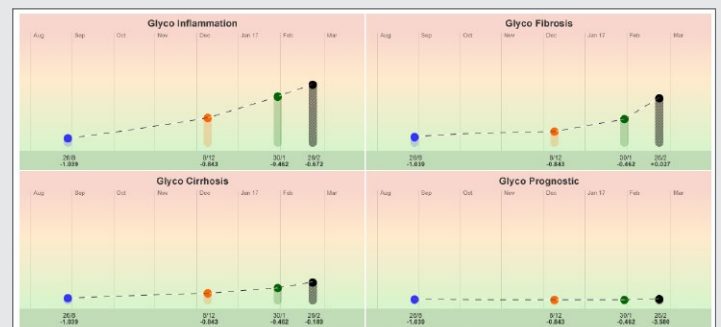
Glyco Liver Profile is ideal for long-term monitoring of patients, with a clear view of their history.

Haemoglobin UltraScreen
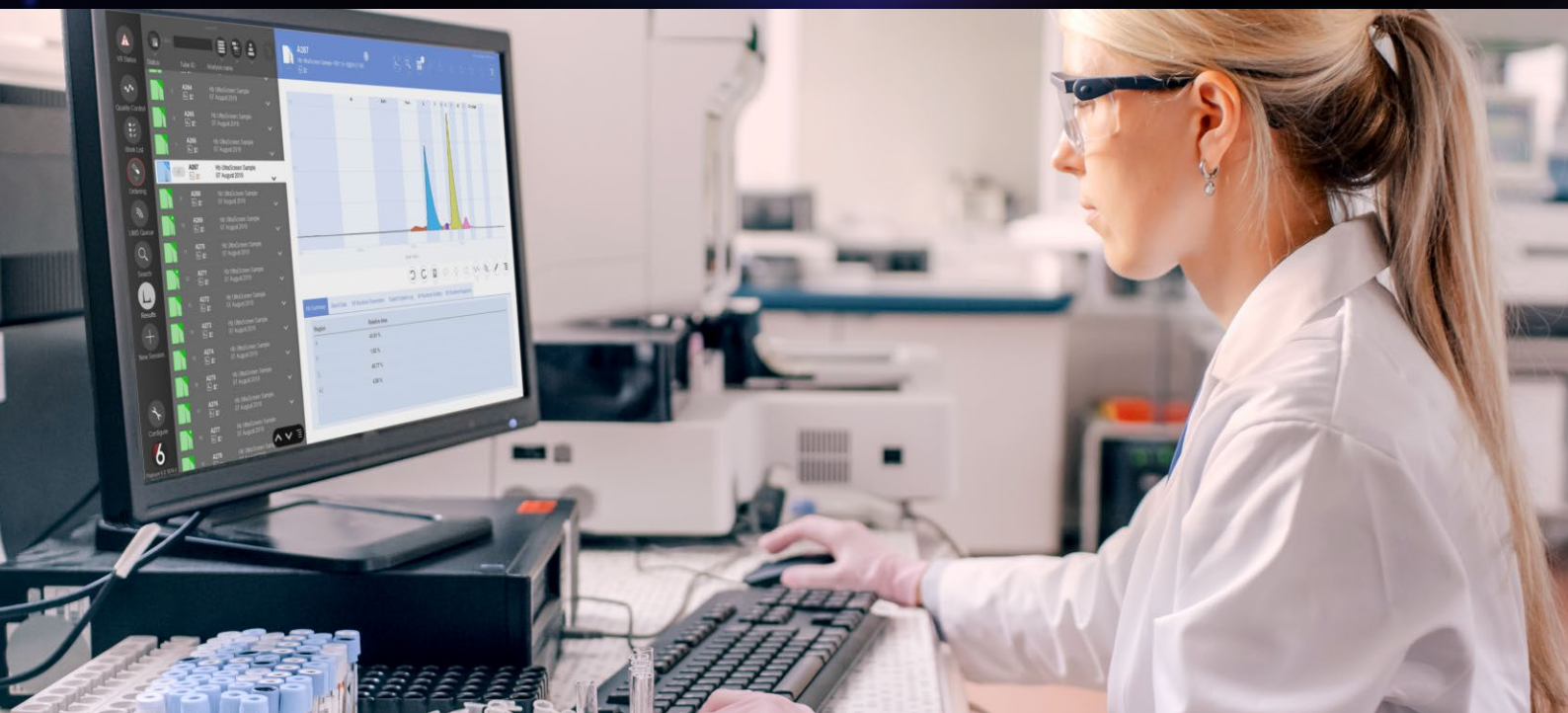
Now ~~200~~ 300 tests per kit with Platinum 6

Clear, precise separation of HbE and HbA2 variants

High performance CZE test

32 tests per hour

Instant variant overlay library with Platinum 6

Single, ambient kit format

Excellent stability

New test + New software + New hardware

V8 NEXUS now supports whole blood cap-piercing and agitation for automated haemoglobinopathy and A1c testing.

> **Cap piercing**
> Redesigned needle enables cap piercing for whole-blood samples

> **Sample agitation**
> Performs agitation via aspiration using the new sample needle

> **Complete whole blood support**
> Our Haemoglobin UltraScreen and HbA1c tests now fully support capped tubes:

13 × 75 mm • 13 × 100 mm • 16 × 100 mm

6 Carbamylated Albumin

Platinum 6 incorporates a proprietary tool for the automatic detection of chronic kidney disease with every V8 Serum Protein Zoom run. Using peak asymmetry, it provides an instant indication of albumin carbamylation, with data available for further diagnostic investigations.
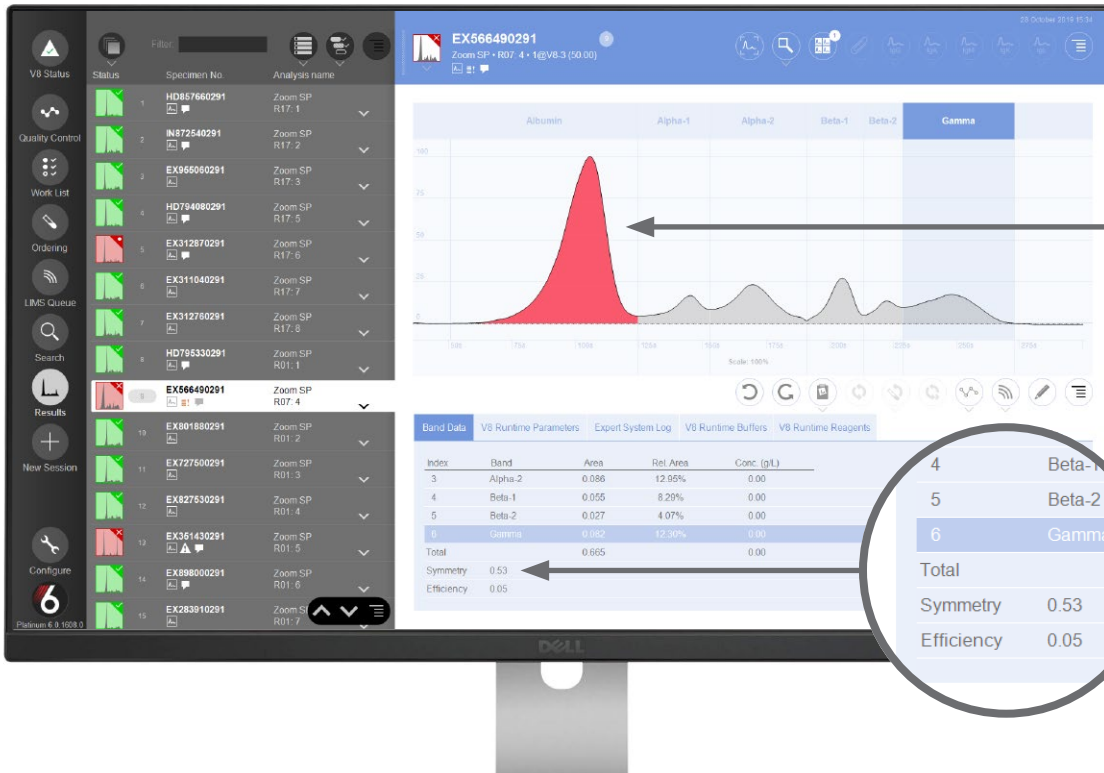

Albumin status is shown using intuitive colour coding

Additional symmetry and peak efficiency data displayed alongside Serum Protein data

Key features

Chronic Kidney Disease (CKD) is a global health issue with an estimated prevalence between 3% and 18% depending on population. This is likely to further increase in future owing to growing numbers of patients with diabetes mellitus, arterial hypertension and obesity. CKD is a common clinical feature in multiple myeloma patients (between 25% and 50% among newly diagnosed MM patients), making this feature an essential new part of the clinical portfolio.

› Protein carbamylation is a nonenzymatic posttranslational modification promoted during uraemia, linked to a poor prognosis

› In kidney patients, albumin peak asymmetry corresponds to chronic kidney disease stage*

› Symmetry factor correlates well with serum urea and creatinine concentrations

› Platinum 6 can now automatically calculate peak symmetry and efficiency values for the Albumin peak as an indication of carbamylation

› The feature is easily configured, and provides automatic colour-coding of the peak based on customer configured settings
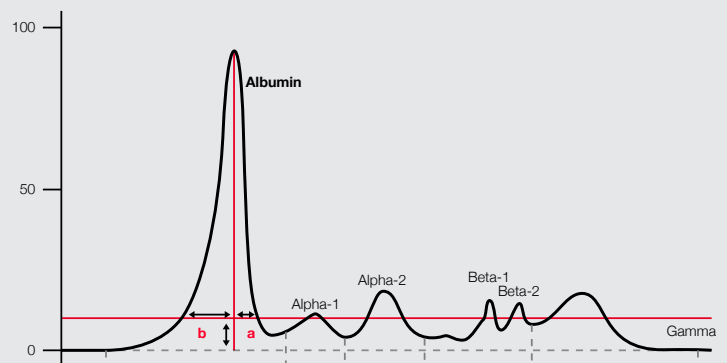
Albumin peak asymmetry is defined by taking a measurement of peak metrics at a point 10% above the baseline.
Visit our website to find out more: www.helena-biosciences.com/ckd

Platinum 6 Summary of New Features

Touch Specific User Interface

State of the art appearance for ease of use.

One click Load Source Data in search window.

View historical comments without loading full patient history.

Customisable navigation worklist headers.

Simplified the permissions window with sliders for each user level in the Operator Access tab.

See the default method in any screen with colour-coded icons in the nav list for V8 and gel scans.

Redesign of the Configure menu for improved navigation.

Standard User Interface

Option to automatically add the V8 name to the pt file name. Useful for customers with multiple instruments.

Test Ordering

Update to Pending Trays window for improved IFE ordering.

Database Optimisation

Faster session saving, loading and searching.

Platinum now supports SQL: increased storage capacity, ideal for networking.

Improved speed when loading Database status.

Database/directory import function – save Platinum files to the database with autofixes.

Validate all traces on the database.

Database Maintenance available for troubleshooting.

Editing

Smoother editing of traces when acquiring data in an active session.

Improved baseline editing in Touch.

Improvements when adding M-Spike beyond the final trough.

SP Banding

Improved banding for the beginning and end of SP traces.

Super Align

New alignment function in immunowindow.

Haemoglobin Comparisons

Hb UltraScreen variant comparison tool.

Reports

Hb Summary now available in reports.

Improvements within Report Preview.

Calibration

Option to enable calibration warning after lot changes.

The calibration setup page can now be printed from the Configure Methods menu.

Touch screen calibration values are shown in results window runtime parameters.

Calibration function supported for methods other than Haemoglobin A1c.

Lot IDs

Users can toggle between % and g/L units.

Methods Merging

User configurable methods settings now saved when updating the methods.gel.

LIMS queue

Coloured peaks can be viewed on gel scans when viewing as traces.

Reagent Stability

Open stability data available for reagents.

Glyco Liver Profile

New Glyco Liver Profile interface.

Carbamylated Albumin:

SP6 Zoom analysis setting to measure efficiency and symmetry of Albumins.

SP-ID improvements

IDs automatically attached to the SP trace.

ID chemistry values automatically updated from SP trace.

SP-ID now visible in immunowindow.

Quality Control

Automatic QC barcode specific test ordering.

Running mean and SD in QC window – view statistics for Levey-Jennings data across a specified time period.

Scanned IFE gels can now be manually marked as normal / abnormal.

Platinum Middleware

Analyse data from multiple V8's and gel scans in one master Middleware Session.

Language Updates

Croatian language added.

Updates to German, Italian, Chinese, Portuguese, Spanish and Polish languages.