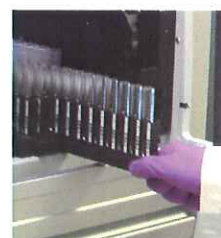
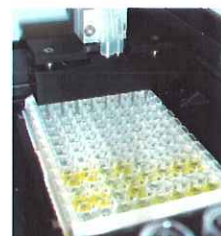


DS2™

Automated ELISA Processor



The DS2™ is a fully automated 2-plate ELISA processing system, designed to provide true walk-away automation.

It provides a cost-effective system for laboratories with specialist or lower throughput assay requirements. Its compact design makes it ideally suited for laboratories where space is of a premium.



DS2 Automated ELISA Processor

True Walk-away Automation

From sample in to result out, the DS2 provides the user with walkaway automation removing the need to perform ELISA assays manually.

Once the DS2 is set up and running, the operator has up to 2 hours of continuous free time to work on other laboratory tasks without repeated distractions.

Flexible and Efficient Assay Processing

The DS2 has a 2-plate capacity that allows multiple assays to be processed simultaneously. Up to 12 different assays can be run on each plate. This allows multiple low volume assays to be combined making assay throughput more efficient, convenient and faster.

The inclusion of two fully enclosed heated incubators and two fully enclosed ambient incubators in the design of the DS2 allows both autoimmune and infectious disease assays to be automated on the same system.

The DS2's on-board scanner reads sample ID bar-codes in conjunction with sample position bar-codes on the sample racks as they are loaded onto the system. This makes sample loading quick and error free. The DS2's large capacity slide-in sample racks enable the system to process large batches of samples (up to 100 in a single batch) but also facilitate loading of different sizes of sample tubes in the same batch.

Matrix™ Software with Bi-Directional Host LIS Link

The revolutionary Matrix™ software is highly intuitive making assay processing on the DS2 quick and simple. The inclusion of a bi-directional LIS link to the Matrix™ software means that worklist set up and result reporting is both fast and secure.

Modern Compact Design

Space-saving design features and an extremely small footprint make the DS2 ideal for laboratories with limited bench space.



Dimensions:

Width: 54cm / 21"
Height: 66cm / 26"
Depth: 68cm / 27"

5 Simple Steps to Assay Processing on the DS2

Matrix™ operating software makes assay processing on the DS2 a quick and simple five step process. The steps below detail this simple procedure from setting up a worklist to starting the assay.

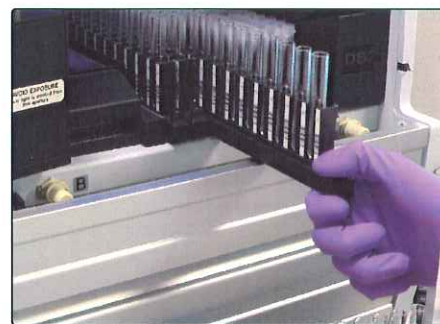
Step 1 - Start-up the DS2

The DS2's self test start-up programme checks the entire system for malfunction before assay processing begins. This takes only three minutes and once complete the DS2 is ready for use.



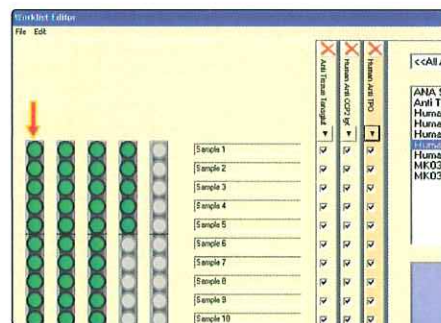
Step 2 - Create a Worklist and Load Samples onto the DS2

On-screen loading instructions in the Matrix™ software make sample loading on the DS2 a quick and simple task. The DS2's on-board scanner reads sample ID bar codes as they are loaded onto the machine, directly inputting sample information into the worklist.



Step 3 - Download Sample Test Request from Host Laboratory Information System (LIS) into DS2 Worklist

The bi-directional LIS interface on the DS2 allows sample test request details to be downloaded directly into assay worklists. This feature makes assay worklist set up quick and secure as it removes the need for the operator to manually enter patient details into the worklist.



Step 4 - Loading Reagents and Consumables onto the DS2

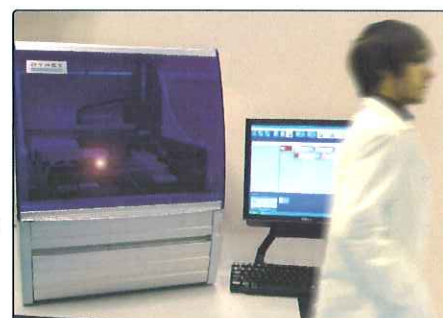
The Matrix™ software's animated loading instructions make assay reagent and consumable loading accurate and quick. Detailed instructions tell the operator exactly how much reagent or consumable the DS2 needs to run the assay, ensuring no interruptions occur during assay processing.



Step 5 - Start the Assay and Walk Away!

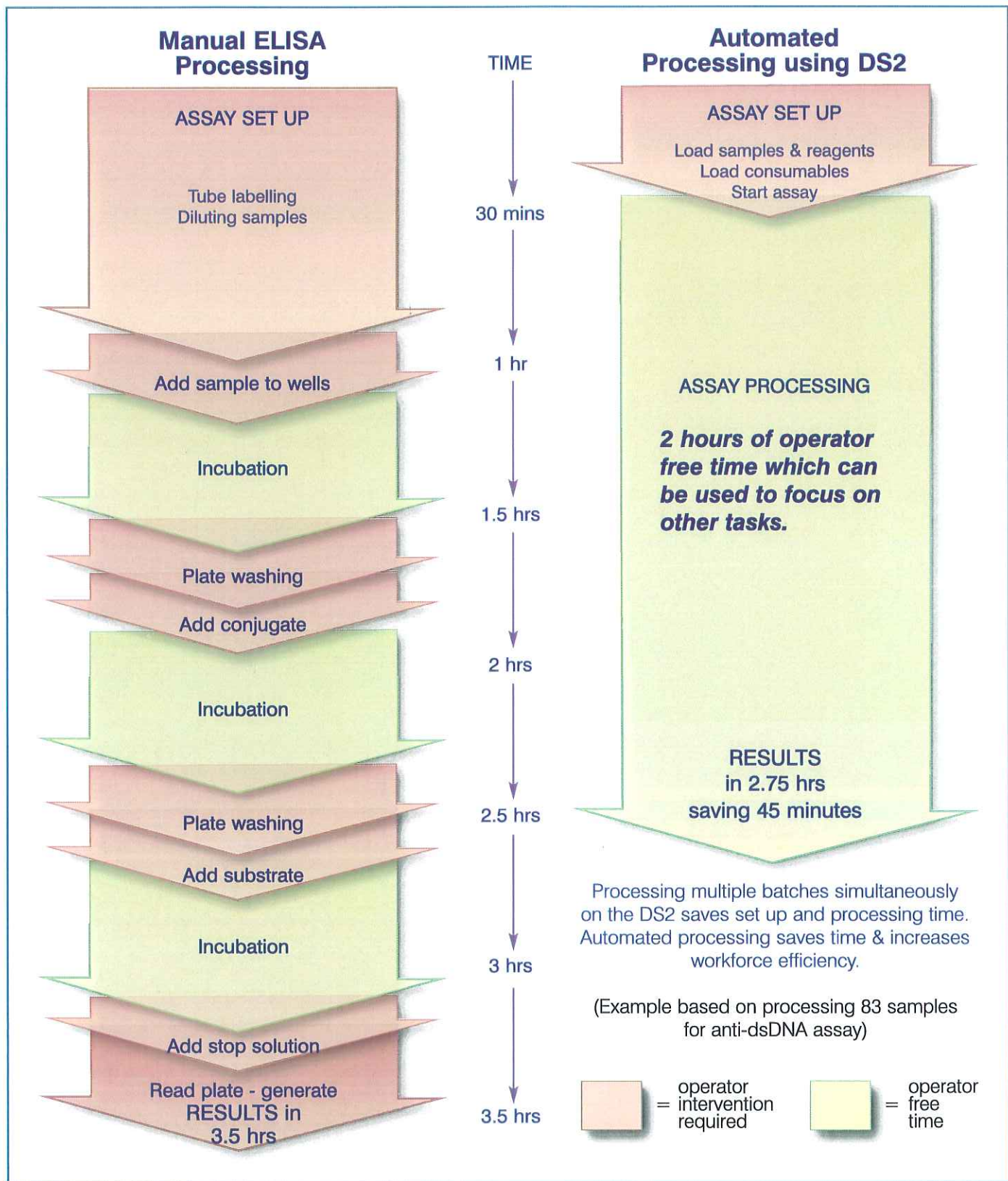
Check all the required assay components are loaded then start the assay and walk away.

The DS2's quick and simple assay set up procedure reduces the amount of operator hands-on time. This ensures rapid result turnaround with increased workforce efficiency and productivity.



Automated ELISA Processing with the DS2™

When compared with manual ELISA methods, the DS2 provides a faster, more efficient, process. This is best illustrated by the comparison diagram below.



For further details contact your local Instrumentation Laboratory representative

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