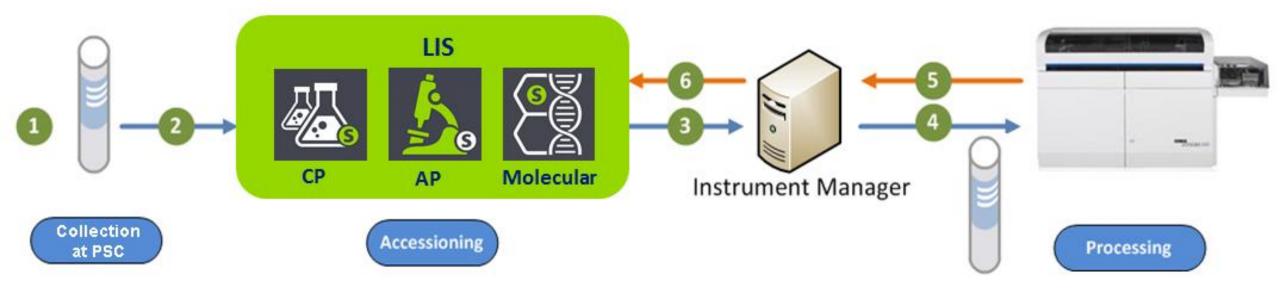
sunquest.

Lab Professionals Week

New Products

Overall Workflow



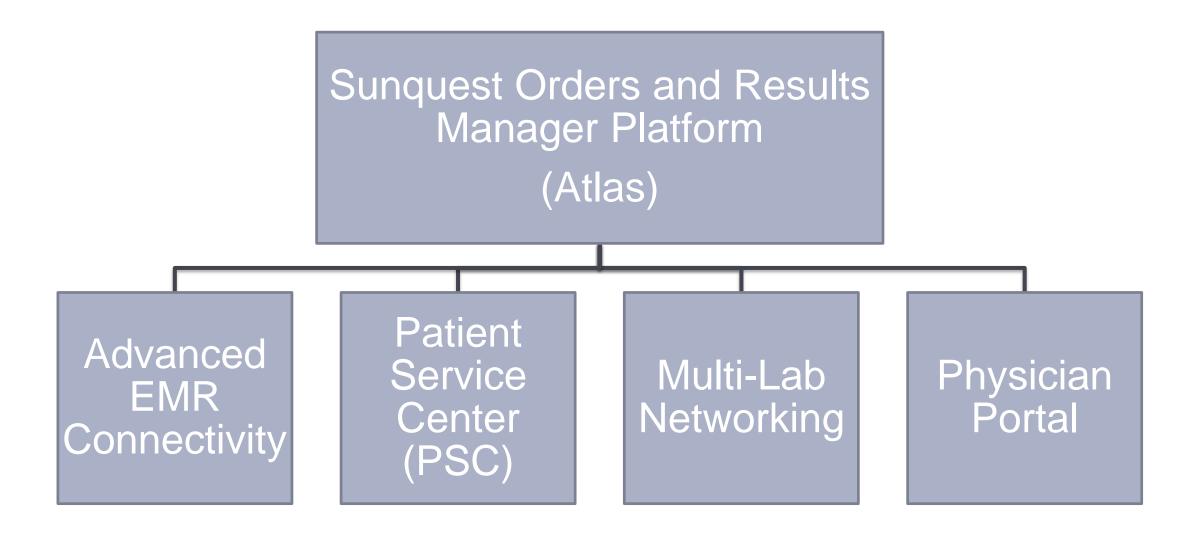




SUNQUEST ORDERS AND RESULTS MANAGEMENT



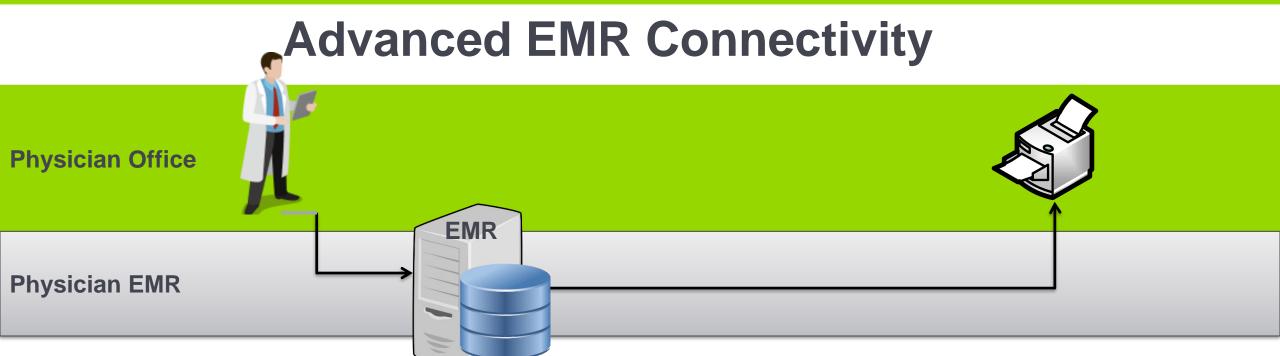
Overview: Orders And Results Manager Breakdown





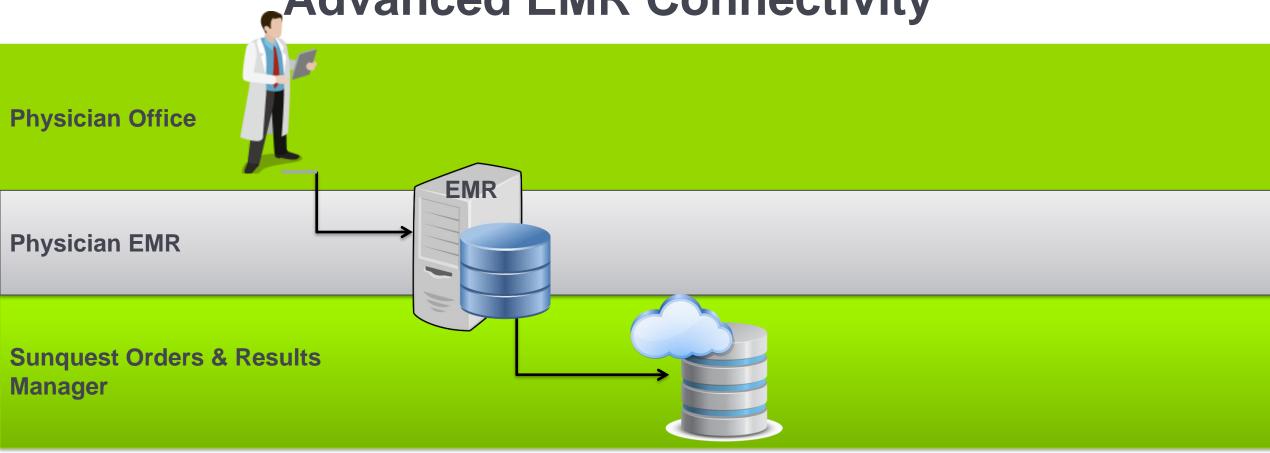








Advanced EMR Connectivity





Advanced EMR Connectivity Physician Office EMR Physician EMR Sunquest Orders & Results Manager LIS **Core Laboratory**



Molecular

AP

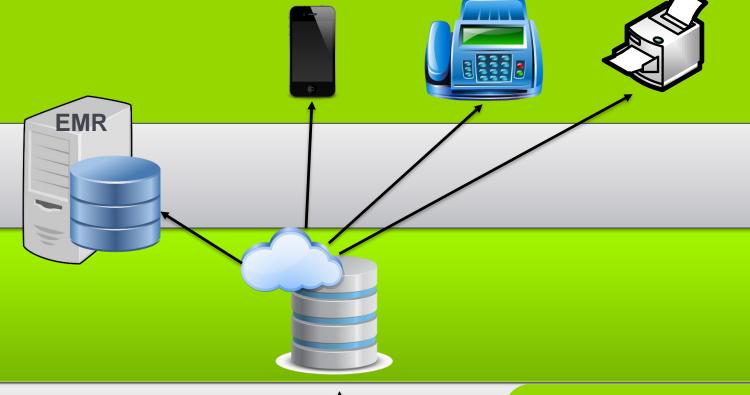
Advanced EMR Connectivity

Physician Office

Physician EMR

Sunquest Orders & Results Manager

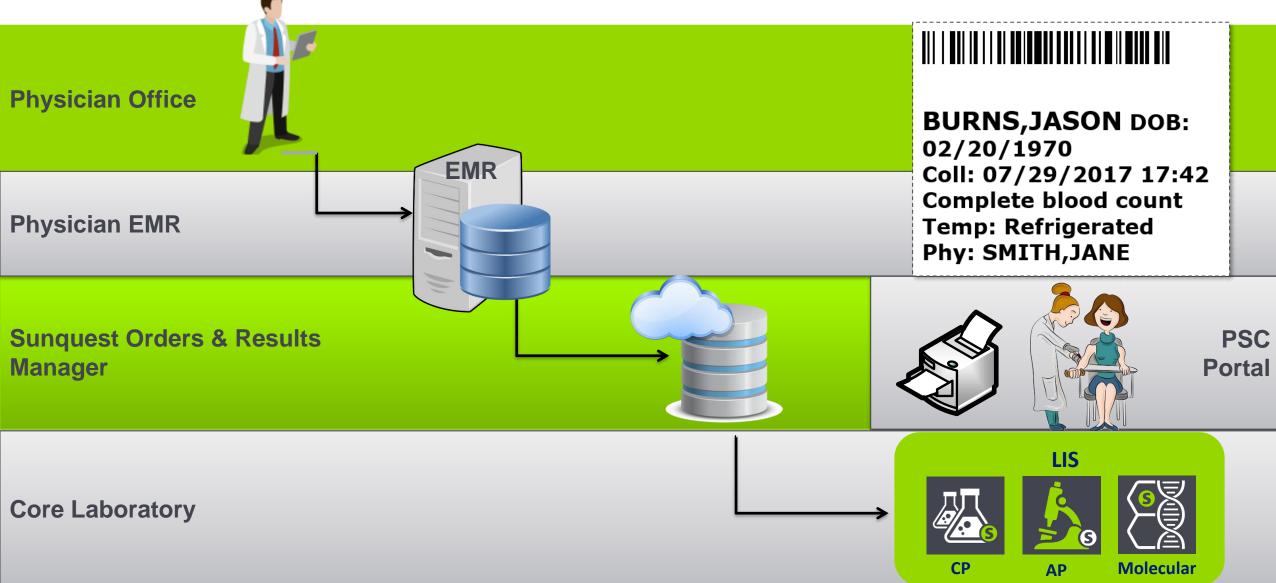
Core Laboratory





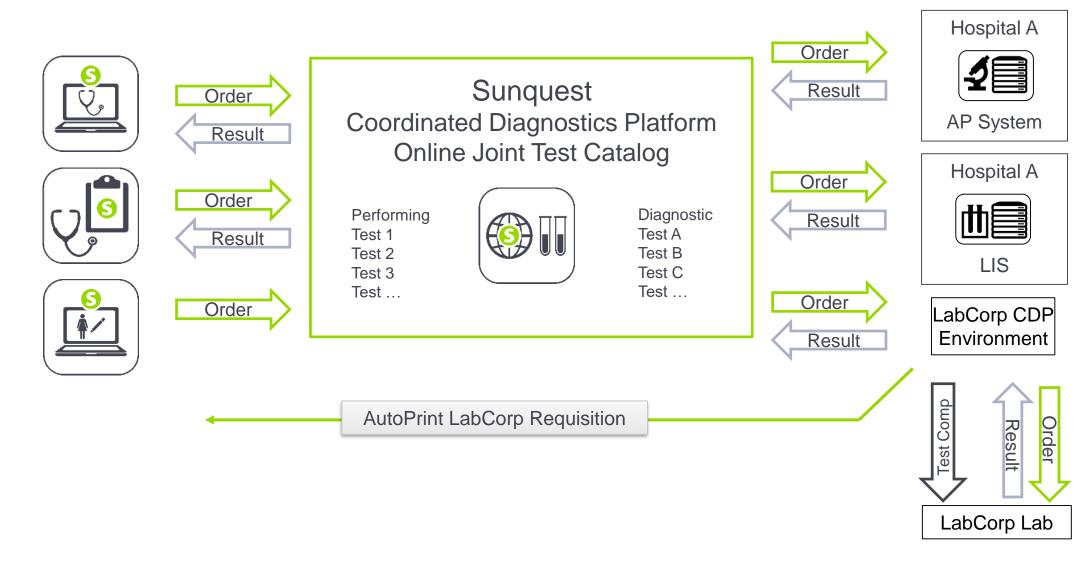


Patient Service Center Portal



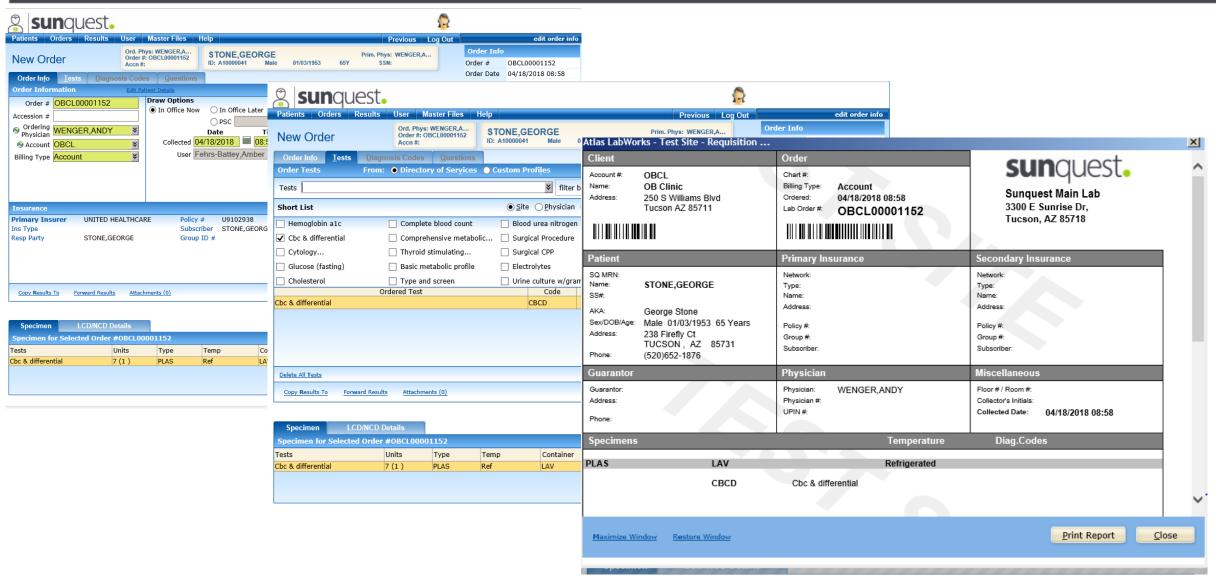


Multi-Lab Networking



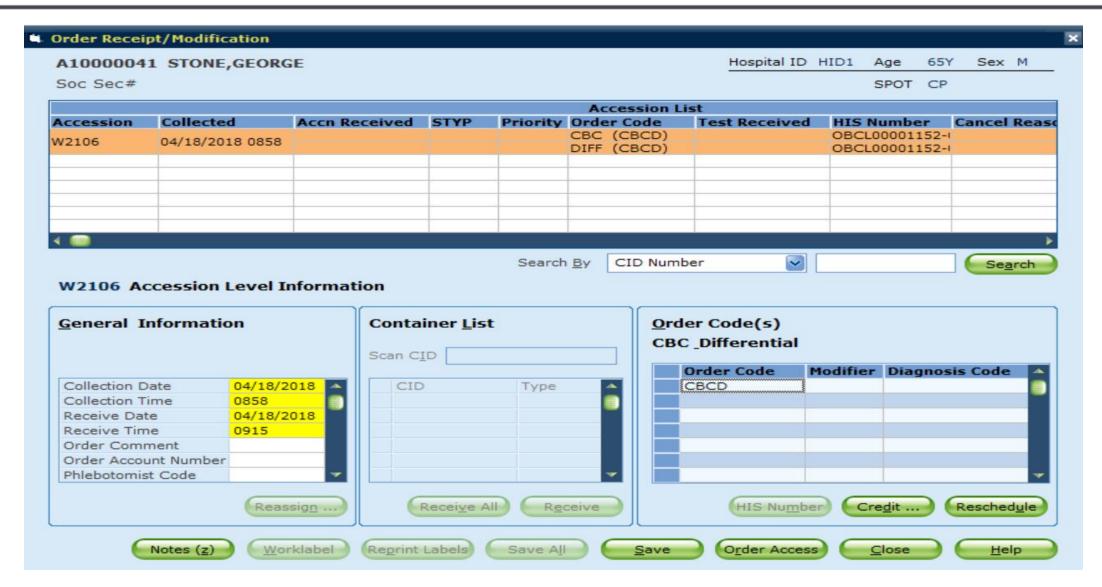


Physician Portal





Physician Portal



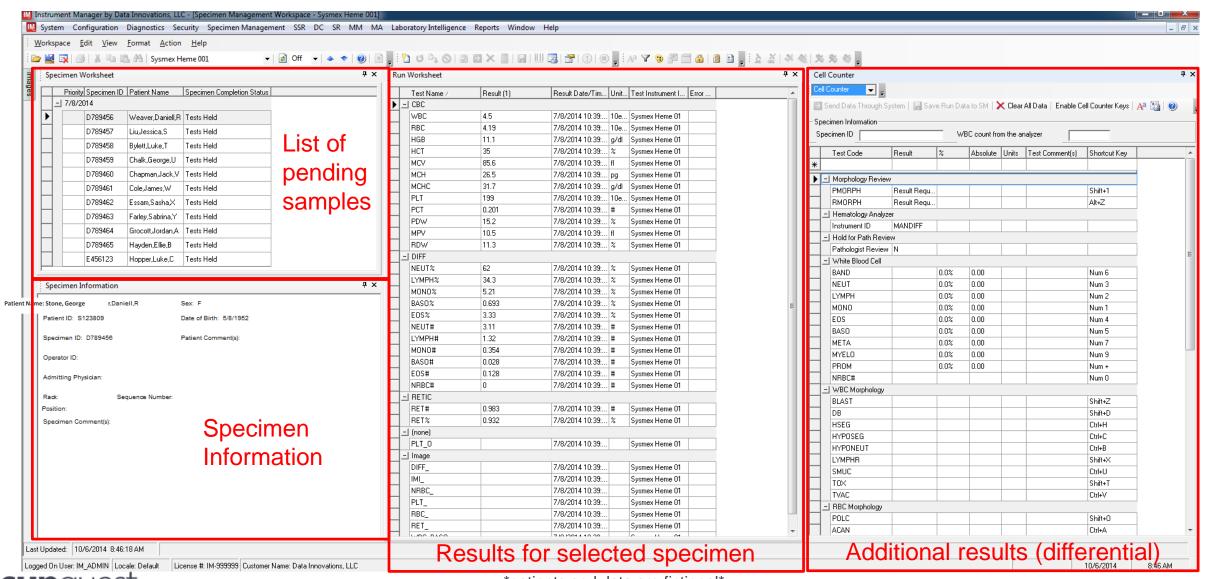




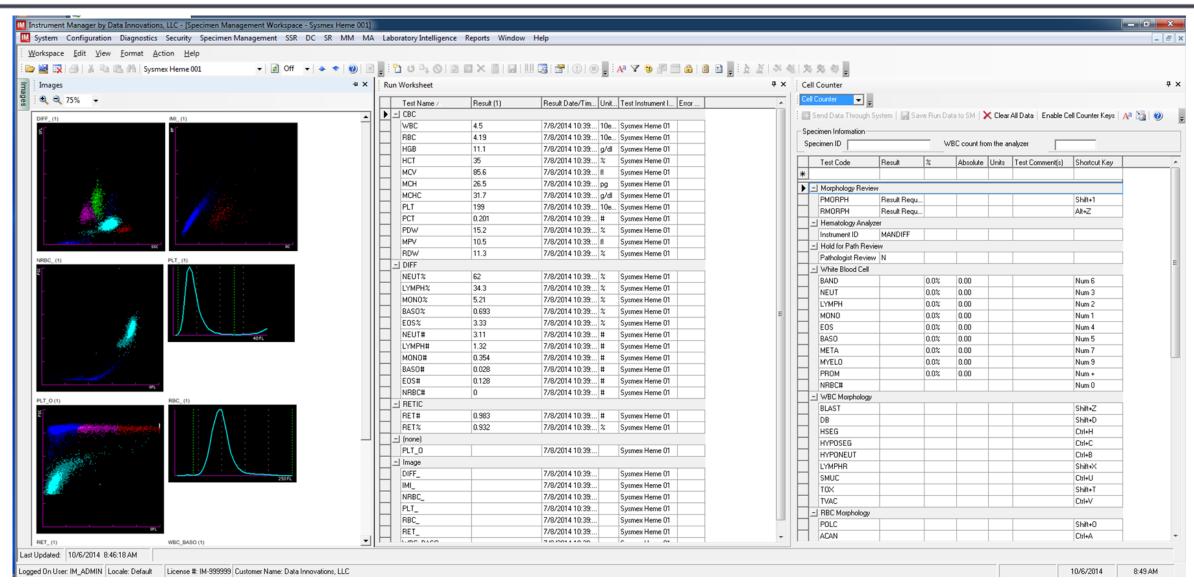
DATA INNOVATIONS INSTRUMENT MANAGER



Instrument Manager: Workspace

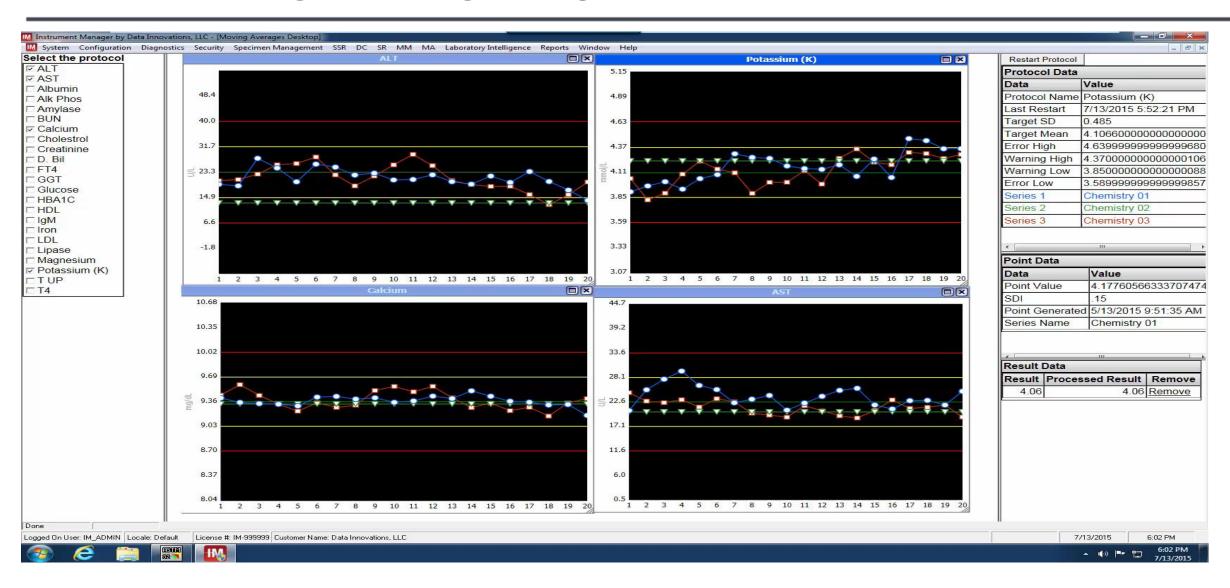


Instrument Manager: Workspace





Instrument Manager: Moving Averages





sunquest.

MITOGEN LIMS



Mitogen- Sample Workflow-FISH (fluorescent in situ hybridization)

- Lab has received a blood sample. I prep the sample, fix it onto a slide (Liquid Slide Preparation)
- Lab digests all of the non-nuclear material (Pre-Hybridization)
- Lab adds the fluorescent probe and lets it hybridize to the DNA within the now exposed nucleus, about 12-18 hours usually (Hybridization)
- Lab washes unbound probe from the nucleus and stains the nucleus (Post Hybridization)
- Supervisor assign the staff who will count the signals (per cell/per slide) in the microscope.
- Tech 1 reads their assigned slide, enters their counts, attaches image
- Tech 2 reads their assigned slide, enters their counts, attaches image
- Senior Tech reviews the work of Tech 1 &2, pushes result to Pathologist
- Pathologist creates and signs out report
 Suncuest



Sunquest Information Systems 3300 E Sunrise Dr. Tucson, AZ, 85718

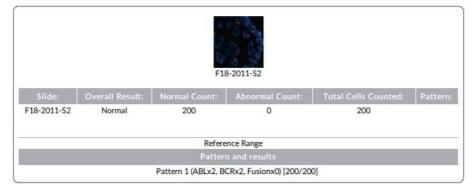
Sunquest Mitogen

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BCR/ABL Report



SAMPLE INFORMATION			
Specimen Type	Specimen Id	Collection Date	Received Date
Blood (purple top)	F18-2011	04/17/2018	04/18/2018



Interpretation:

Interpretation: NOT DETECTED

BCR/ABL was not detected in this sample. This slide was reviewed by a Pathologist.

Method:

Cells recovered from samples are fixed on microscope slides. The DNA is denatured to its single stranded form and subsequently allowed to hybridize. Following hybridization, the unbound probe is removed by a series of washes, and the nuclei are counterstained with DAPI (4,6 diamidino-2-phenylindole), a DNA-specific stain that fluoresces blue. Specific hybridization of the UroVysion probes is viewed using a fluorescence microscope equipped with appropriate excitation and emission filtersets allowing visualization of the intense red, green, aqua, and gold fluorescent signals. Enumeration of the probes specific for Her2 gene and Chromosome 17 conducted by microscopic examination of the nucleus, which is easily distinguished due to the DAPI staining. Her2 is labeled with Spectrum Orange, CEP 17 is labeled with Spectrum Green, and the nuclei is counterstained using DAPI. For more information on the kit and the methods used, please visit www.abbott.com.

The Cells recovered from samples are fixed on microscope slides. The DNA is denatured to its single stranded form and subsequently allowed to hybridize. This is other test method text.

Intended Use:

This test is intended for use as an adjunct to existing clinical and pathologic information currently used as prognostic factors. This is not intended to be a stand-alone test. Treatment decisions should take all other clinical information into consideration.

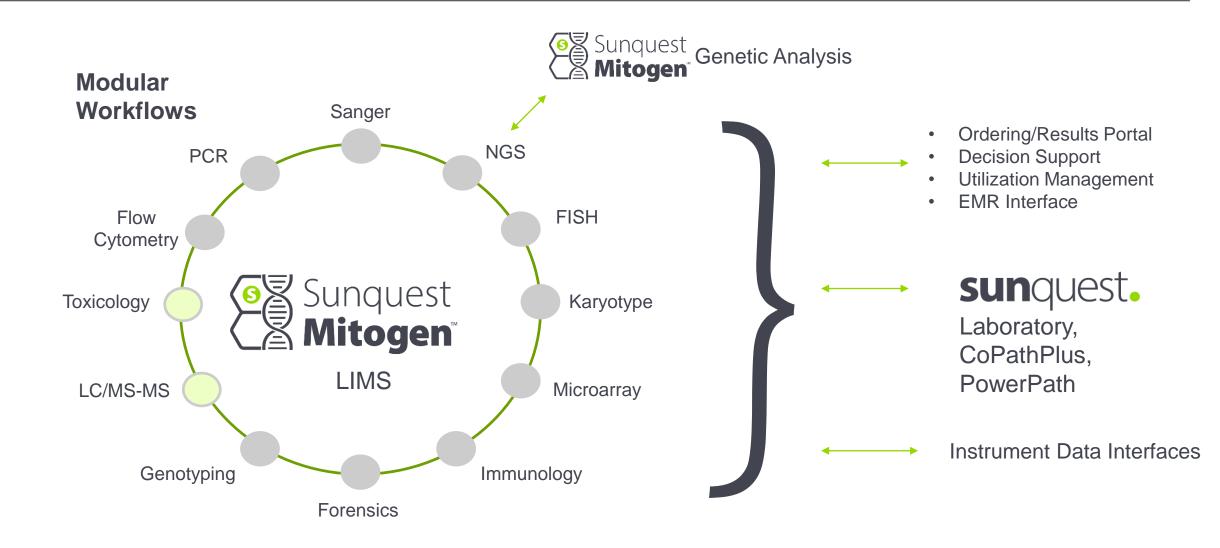
References:

Wolff et al. American Society of Clinical Oncology/College of American Pathologists guideline recommendations for human epidermal growth factor receptor 2 testing in breast cancer. J Clin Oncol 2007, 25(1):118-45

Report Approved Electronically

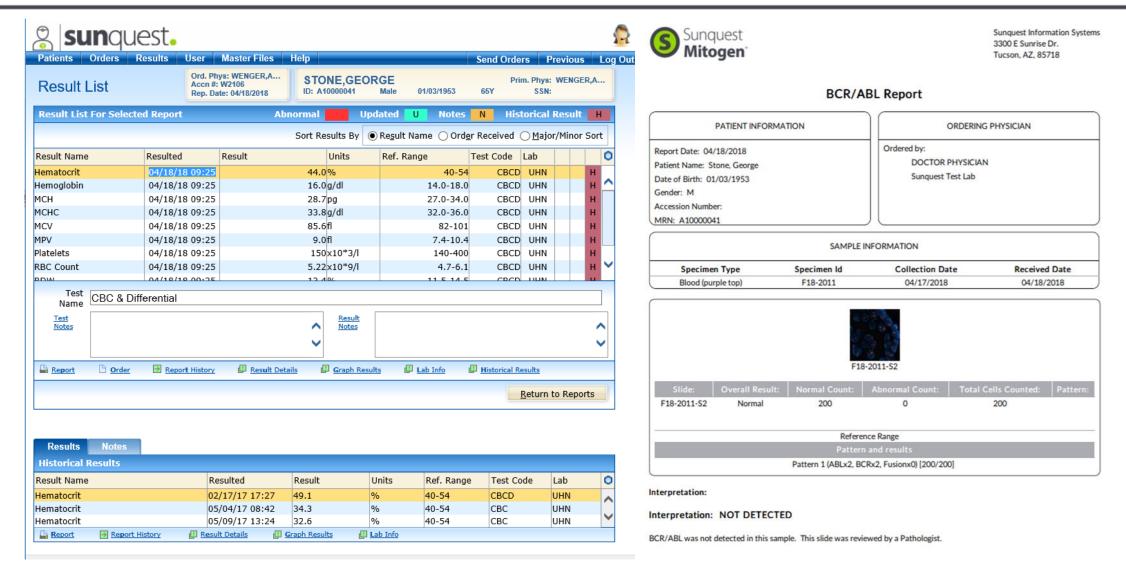
Dr John Bryans Medical Director 04/18/2018 05:45:55 PM

Sunquest Mitogen: Enabling Startups to Enterprise





Physician Portal – Results to Physician via SORMP





Top Three Things: Sunquest Orders and Results

- 1. Physician Portal manages patients, place orders, and receive results.
- 2. Sunquest Orders and Results has an interface engine that drives communication using rules
- 3. Sunquest Orders and Results has a module for Patient Service Centers



Top Three Things: Instrument Manager

- 1. Instrument Manager is allows users to connect instruments to applications.
- 2. Up to 80% auto-verification rate
- 3. Moving Averages helps ensure quality.





Top Three Things: Mitogen LIMS

- 1. Documents all of the tasks performed in a laboratory.
- 2. Out-of-the-box workflows for Molecular and esoteric testing procedures are included.
- 3. Browser-based, lightweight, and designed to be used in a paperless environment.



