MTN 017 PK Specimen Testing for Adherence

Ratiya Pamela Kunjara Na Ayudhya, MT ASCP MTN Laboratory Center (LC)

Magee Womens Research Institute 🐦

Pittsburgh, PA

USA



Introduction

- Specimen Flow
- Samples shipped to date
- Shipping Schedule
- Turn Around Time
- What We Have Learned
- Questions



PK Specimen Flow Chart

Specimen collected in clinic



Specimen processed and stored within 8 hrs



Notify MTN LC and ship to JHU CPAL



MTN LC generates report and submits to site



Results submitted to MTN LC



PK assay performed at JHU CPAL

Samples Shipped to Date

Site	Number of Shipments	Number of Samples
Boston	6	20
Pittsburgh	6	12
San Francisco	4	9



Shipping Schedule

	Boston	Pittsburgh	San Francisco
Initial Enrollment	25 Sep 13	24 Oct 13	29 Oct 13
Shipping Dates	06 Nov 13	02 Dec 13	04 Dec 13
	20 Nov 13	16 Dec 13	06 Jan 14
	11 Dec 13	15 Jan 14	22 Jan 14
	07 Jan 14	03 Feb 14	10 Feb 14
	27 Jan 14	24 Feb 14	
	11 Feb 14		



Example for organizing dates

	VST 2 /	VST 3 /	VST 4 /	VST 5 /	VST 6 /	VST 7 /	VST 8 /	VST 9 /	VST 10 /
PID	ENR	MID	END	PD2	MID	END	PD3	MID	END
302-80001-9	10/24/13	11/21/13	12/19/13	12/27/13	01/24/14	02/21/14			
302-80002-5	11/14/13	12/12/13	01/08/14	01/15/14	02/12/14	03/12/14			
302 00002 3	11/14/13	12/12/13	01/00/14	01/15/14	02/12/14	03/12/14			
302-80003-2	11/18/13	12/13/13	01/13/14	01/21/14	02/18/14	03/18/14			
302-80004-0	12/04/13	01/02/13	01/30/14	02/06/14	03/06/14	04/03/14			
302-80005-8	01/27/14	02/24/14							
302-80006-6	02/03/14	03/03/14							
302-80007-7	02/11/14	03/11/14							



Result Turn Around Time

Date Received in Lab	Date Results Sent	TAT (business days)
07 Nov 13	21 Nov 13	10 days
21 Nov 13	04 Dec 13	9 days
03 Dec 13	16 Dec 13	9 days
05 Dec 13	17 Dec 13	8 days
12 Dec 13	17 Dec 13	3 days
17 Dec 13	02 Jan 14	10 days*
27 Dec 13	02 Jan 14	3 days*
07 Jan 14	13 Jan 14	4 days
08 Jan 14	14 Jan 14	4 days
16 Jan 14	24 Jan 14	6 days
23 Jan 14	30 Jan 14	5 days
28 Jan 14	31 Jan 14	3 days
04 Feb 14	10 Feb 14	4 days
12 Feb 14	17 Feb 14	3 days

What have we learned

- Start scheduling shipments as soon as the first PK sample is collected
- Plan ahead the site and lab should work closely to coordinate visits and shipments
- Notify the MTN LC if you are expecting results



Questions



