

Patient Name: Betsy Ross  
 Patient Number:  
 Date of Birth: 01/08/1906  
 Gender: Female  
 Accession #: 15000011

Date Collected: 05/13/2015  
 Date Received: 05/14/2015  
 Date Reported: 05/26/2015  
 Account: Testing/Validation Account 1 2  
 Referring Clinician: Abigail VanBuren

Is this report consistent  
 with the prescription list?

YES

Prescribed Medications: Avinza, Restoril, Ultram  
 Expected Findings: Hydromorphone, Normorphine, Oxazepam, O-Desmethyl-Tramadol

Patient Results Summary

Medications found that are inconsistent with the patient's prescription list:

\*\*\* NONE REPORTED \*\*\*

Medications found that are consistent with the patient's prescription list:

Drug	Test Type	Result (ng/mL)	Cutoff (ng/mL)
Morphine	LC-MS/MS	158	10
Normorphine	LC-MS/MS	53	10
Hydromorphone	LC-MS/MS	62	10
Tramadol	LC-MS/MS	15	10
O-Desmethyl-Tramadol	LC-MS/MS	196	10
Oxazepam	LC-MS/MS	68	10
Temazepam	LC-MS/MS	22	10

Comments:

Morphine is usually a parent drug, but may also be a metabolite of Codeine or 6-MAM. Normorphine and Hydromorphone are commonly found metabolites. Normorphine is a metabolite of Morphine.  
 Hydromorphone may be a parent drug, such as Dilaudid or Exalgo. It may also be metabolite of Morphine or Hydrocodone.  
 Tramadol is a parent drug, commonly known as Ultracet or Ultram. O-Desmethyl-Tramadol is the primary metabolite of Tramadol and will be present if the patient is taking this medication routinely.  
 O-Desmethyl-Tramadol is a metabolite of Tramadol. It should be present when Tramadol is used regularly.  
 Oxazepam is a parent drug commonly prescribed as Serax. It may also be present as a metabolite of Diazepam, Chlordiazepoxide, Clorazepate, or Temazepam.  
 Temazepam is a parent drug, usually prescribed as Restoril or Temtabs, but may also be found as a metabolite of Diazepam. Oxazepam is a metabolite of Temazepam that may be present when this medication is taken routinely.

Alcohol, Tobacco and Specimen Validity Testing

Validation	Within Range	Outside Range	Reference Range
pH	6.8		4.5-9.5
Specific Gravity	1.017		1.003-1.025
General Oxidants	Negative		<200 mcg/mL
Creatinine	48.6		>20 ng/dL
Ethanol Screen	Negative		<500 ng/mL

\* When a conflict exists between screen results and confirmation results, defer to the confirmation results for the most accurate determination of drug levels in human urine.

Patient Name: Betsy Ross  
 Specimen Date: 05/13/2015  
 Date Reported: 05/26/2015  
 Accession: 15000011

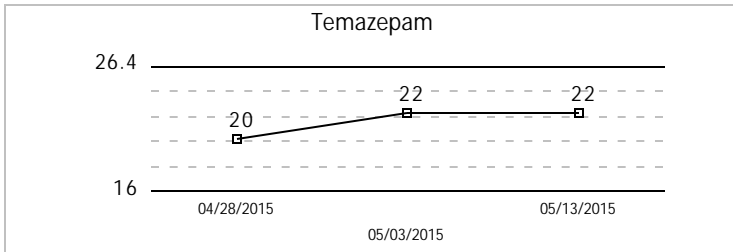
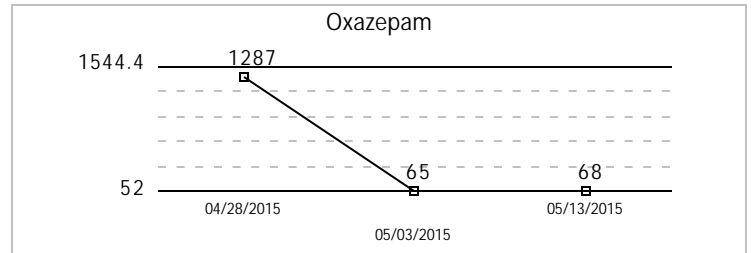
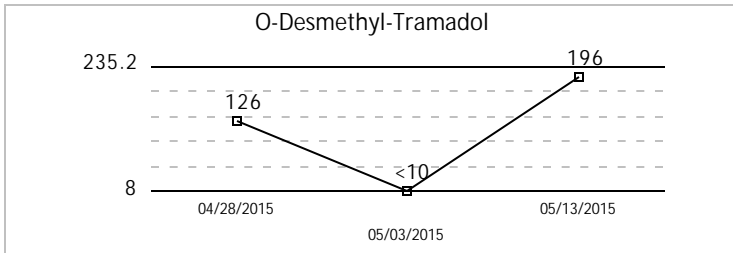
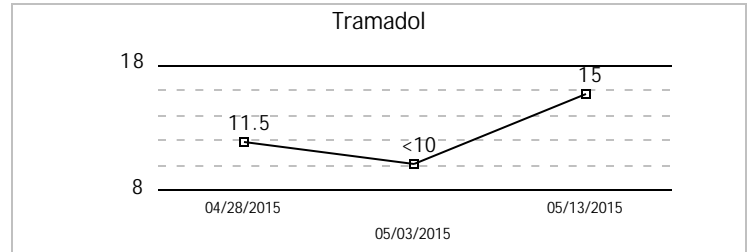
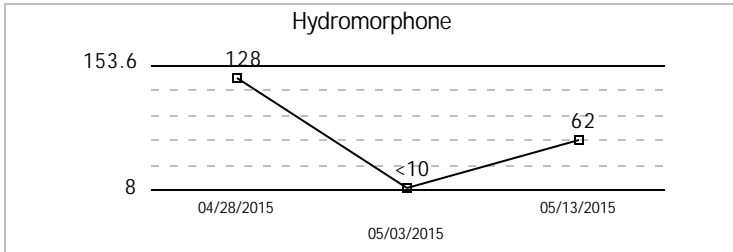
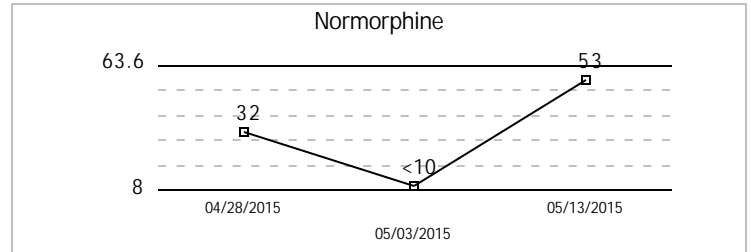
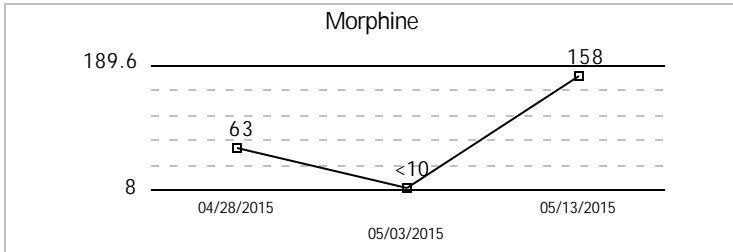


**APOLLO**  
 LABORATORIES

**HISTORY (past 6 months)**

Collect Date:	05/13/2015	05/03/2015	04/28/2015							
Specimen #	15000011	15000010	15000009							

Medications found that are consistent with the patient's prescription list:



Patient Name: Betsy Ross  
 Specimen Date: 05/13/2015  
 Date Reported: 05/26/2015  
 Accession: 15000011



**APOLLO**  
 LABORATORIES

Patient Detail Results

Drug	Test Type	Result (ng/mL)	Cutoff (ng/mL)	Interpretation
<b>Opioids</b>				
<b>Opiates</b>	<b>Screen</b>	<b>Not Detected</b>	<b>300</b>	
Morphine	Confirmation	158	10	Consistent
Normorphine	Confirmation	53	10	Consistent
Hydromorphone	Confirmation	62	10	Consistent
Codeine	Confirmation	<10	10	Consistent
Dihydrocodeine	Confirmation	<10	10	Consistent
Hydrocodone	Confirmation	<10	10	Consistent
Norhydrocodone	Confirmation	<10	10	Consistent
<b>Synthetic Opioids</b>				
<b>Buprenorphine</b>	<b>Screen</b>	<b>Not Detected</b>	<b>5</b>	
Norbuprenorphine	Confirmation	<10	10	Consistent
Buprenorphine	Confirmation	<10	10	Consistent
<b>Fentanyl</b>	<b>Screen</b>	<b>Not Detected</b>	<b>2</b>	
Fentanyl	Confirmation	<10	2	Consistent
Norfentanyl	Confirmation	<10	10	Consistent
Meperidine	Confirmation	<10	10	Consistent
<b>Methadone</b>	<b>Screen</b>	<b>Not Detected</b>	<b>300</b>	
Methadone	Confirmation	<10	10	Consistent
EDDP	Confirmation	<10	10	Consistent
Naloxone	Confirmation	<10	10	Consistent
Naltrexone	Confirmation	<10	10	Consistent
<b>Tramadol</b>	<b>Screen</b>	<b>DETECTED</b>	<b>200</b>	
Tramadol	Confirmation	15	10	Consistent
O-Desmethyl-Tramadol	Confirmation	196	10	Consistent
Tapentadol	Confirmation	<10	10	Consistent
<b>Tricyclic Antidepressants and Selective Serotonin Reuptake Inhibitors</b>				
Amitriptyline	Confirmation	<10	10	Consistent
Nortriptyline	Confirmation	<10	10	Consistent
Citalopram	Confirmation	<10	10	Consistent
Fluoxetine	Confirmation	<10	10	Consistent
Imipramine	Confirmation	<10	10	Consistent
Paroxetine	Confirmation	<10	10	Consistent
Sertraline	Confirmation	<10	10	Consistent
<b>Benzodiazepines</b>				
<b>Benzodiazepines</b>	<b>Screen</b>	<b>DETECTED</b>	<b>300</b>	
Alprazolam	Confirmation	<10	10	Consistent
a-Hydroxyalprazolam	Confirmation	<10	10	Consistent
7-Aminoclonazepam	Confirmation	<10	10	Consistent
Diazepam	Confirmation	<10	10	Consistent
Lorazepam	Confirmation	<10	10	Consistent
Nordiazepam	Confirmation	<10	10	Consistent
Oxazepam	Confirmation	68	10	Consistent
Temazepam	Confirmation	22	10	Consistent
Triazolam	Confirmation	<10	10	Consistent
Chlordiazepoxide	Confirmation	<10	10	Consistent
<b>Barbiturates</b>				
<b>Barbiturates</b>	<b>Screen</b>	<b>Not Detected</b>	<b>200</b>	
Butalbital	Confirmation	<10	10	Consistent

Patient Name: Betsy Ross  
Specimen Date: 05/13/2015  
Date Reported: 05/26/2015  
Accession: 15000011



**APOLLO**  
LABORATORIES

**Barbiturates (continued)**

Amobarbital	Confirmation	<10	10	Consistent
Pentobarbital	Confirmation	<10	10	Consistent
Phenobarbital	Confirmation	<10	10	Consistent
Secobarbital	Confirmation	<10	10	Consistent

**Stimulants**

Amphetamine	Screen	Not Detected	1000	
Amphetamine	Confirmation	<10	10	Consistent
Methamphetamine	Confirmation	<10	10	Consistent
Methylphenidate	Confirmation	<10	10	Consistent

**Muscle Relaxers**

Carisoprodol	Screen	Not Detected	100	
Carisoprodol	Confirmation	<10	10	Consistent
Meprobamate	Confirmation	<10	10	Consistent
Gabapentin	Confirmation	<10	10	Consistent

**Illicits**

Cannabinoids	Screen	Not Detected	50	
6-MAM	Confirmation	<10	5	Consistent
Phencyclidine	Screen	Not Detected	25	
Phencyclidine	Confirmation	<10	5	Consistent
Cocaine	Screen	Not Detected	300	
Benzoylcegonine	Confirmation	<10	10	Consistent
MDMA (Ecstasy)	Confirmation	<10	10	Consistent