



Effective Date:
Monday, December 29, 2014

Test Updates

Immediate Action

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, December 29, 2014

Test Changes - Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

Discontinued Tests - Tests being discontinued with alternate testing suggestions.

Please use this information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

If you have any questions about the information contained in this notification, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.



Effective Date:
Monday, December 29, 2014

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
52167TI	Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Tissue (Forensic)	•		•	•			•	
53167TI	Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Tissue (Forensic)	•		•		•		•	
52264U	Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation (Qualitative), Urine (CSA)			•	•			•	
52167U	Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)				•			•	
53167U	Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)			•	•			•	
0801U	Buprenorphine and Metabolite - Total (Conjugated/Unconjugated), Urine			•	•			•	
5113U	Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine			•	•			•	
0885U	Butorphanol - Total (Conjugated/Unconjugated), Urine	•	•	•	•			•	
3110U	Nalbuphine - Total (Conjugated/Unconjugated), Urine	•	•	•	•			•	
5119U	Naloxone - Total (Conjugated/Unconjugated) Confirmation, Urine				•			•	
3113U	Naloxone - Total (Conjugated/Unconjugated) Screen, Urine			•	•				
3111U	Naloxone - Total (Conjugated/Unconjugated), Urine				•			•	
52449U	Naltrexone - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)				•			•	
3116U	Naltrexone and Metabolite - Total (Conjugated/Unconjugated), Urine				•			•	
4127U	Suboxone® - Total, Urine			•	•			•	
52092TI	Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Tissue (Forensic)	•				•		•	
53092TI	Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Tissue (Forensic)	•				•		•	
55010U	Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (CSA)	•		•	•			•	
54334U	Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation (Drug Impaired Driving/DRE Toxicology), Urine	•		•	•				



Effective Date:
Monday, December 29, 2014

Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
52092U	Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)	•			•	•		•	
52407U	Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)	•		•	•			•	
52448U	Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)	•			•			•	
53092U	Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)	•			•	•		•	
4303U	Talwin® Nx, Urine				•			•	



Test Updates

Test Changes

52167TI Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Tissue (Forensic)

Summary of Changes: Test Name was changed.
Specimen Requirements (Specimen Container) were changed.
Stability was changed.
Reference Comment was changed.

Specimen Requirements: 10 g Tissue
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: Undetermined
Refrigerated: Undetermined
Frozen (-20 °C): Undetermined
Scope of Analysis: LC-MS/MS (80103, 83925): Buprenorphine - Total, Norbuprenorphine - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/g	The reported result represents the total of free and conjugated buprenorphine.
Norbuprenorphine - Total	ng/g	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.

53167TI Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Tissue (Forensic)

Summary of Changes: Test Name was changed.
Specimen Requirements (Specimen Container) were changed.
Scope of Analysis was changed.
Reference Comment was changed.
Buprenorphine - Free and Norbuprenorphine - Free were removed.
Buprenorphine - Total and Norbuprenorphine - Total were added.



Test Updates

Test Changes

Specimen Requirements: 10 g Tissue
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Scope of Analysis: LC-MS/MS (80103, 83925): Buprenorphine - Total, Norbuprenorphine - Total
 Method (CPT Code)

Compound Name	Units	Reference Comment
Norbuprenorphine - Total	ng/g	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.

52264U Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation (Qualitative), Urine (CSA)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
 Stability was changed.
 Reference Comment was changed.

Specimen Requirements: 1 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: Received Room Temperature.
 Stability: Room Temperature: 2 day(s)
 Refrigerated: 14 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: LC-MS/MS (83925): Buprenorphine - Total, Norbuprenorphine - Total
 Method (CPT Code)

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/mL	The reported result represents the total of free and conjugated buprenorphine.



Test Updates

Test Changes

Compound Name	Units	Reference Comment
Norbuprenorphine - Total	ng/mL	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.

52167U Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)

Summary of Changes: Stability was changed.
Reference Comment was changed.

Stability: Room Temperature: 2 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Buprenorphine - Total, Norbuprenorphine - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/mL	The reported result represents the total of free and conjugated buprenorphine.
Norbuprenorphine - Total	ng/mL	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.

53167U Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.
Stability: Room Temperature: 2 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 30 day(s)



Test Updates

Test Changes

Scope of Analysis: LC-MS/MS (83925): Buprenorphine - Total, Norbuprenorphine - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/mL	The reported result represents the total of free and conjugated buprenorphine.
Norbuprenorphine - Total	ng/mL	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.

0801U Buprenorphine and Metabolite - Total (Conjugated/Unconjugated), Urine

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.

Specimen Requirements: 1 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: Received Room Temperature.
 Stability: Room Temperature: 2 day(s)
 Refrigerated: 14 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: LC-MS/MS (83925): Buprenorphine - Total, Norbuprenorphine - Total
 Method (CPT Code)

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/mL	The reported result represents the total of free and conjugated buprenorphine.
Norbuprenorphine - Total	ng/mL	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.

5113U Buprenorphine and Metabolite -Total (Conjugated/Unconjugated) Confirmation, Urine



Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.

Specimen Requirements: 1 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: Received Room Temperature.
 Stability: Room Temperature: 2 day(s)
 Refrigerated: 14 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: LC-MS/MS (83925): Buprenorphine - Total, Norbuprenorphine - Total
 Method (CPT Code)

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/mL	The reported result represents the total of free and conjugated buprenorphine.
Norbuprenorphine - Total	ng/mL	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.

0885U Butorphanol - Total (Conjugated/Unconjugated), Urine

Summary of Changes: Test Name was changed.
Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (83925)]

Specimen Requirements: 1 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Stability: Room Temperature: 30 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)



Test Updates

Test Changes

Scope of Analysis: LC-MS/MS (83925): Butorphanol - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Butorphanol - Total	ng/mL	Free butorphanol may be detected in urine following therapeutic use. The reported result represents the total butorphanol in the sample following hydrolysis.

3110U Nalbuphine - Total (Conjugated/Unconjugated), Urine

Summary of Changes: Test Name was changed.
Specimen Requirements were changed.
Stability was changed.
Reference Comment was changed.
Methods/CPT Codes were changed [LC-MS/MS (83925)]

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Stability: Room Temperature: 14 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (83925): Nalbuphine - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Nalbuphine - Total	ng/mL	The reported result represents the total of free and conjugated nalbuphine.

5119U Naloxone - Total (Conjugated/Unconjugated) Confirmation, Urine

Summary of Changes: Stability was changed.
Reference Comment was changed.

Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Naloxone - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Naloxone - Total	ng/mL	The reported result represents the total of free and conjugated naloxone.



Test Updates

Test Changes

3113U Naloxone - Total (Conjugated/Unconjugated) Screen, Urine

Summary of Changes: Specimen Requirements were changed.
Stability was changed.

Specimen Requirements: 1 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Stability: Room Temperature: 7 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

3111U Naloxone - Total (Conjugated/Unconjugated), Urine

Summary of Changes: Stability was changed.
Reference Comment was changed.

Stability: Room Temperature: 7 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Naloxone - Total
 Method (CPT Code)

Compound Name	Units	Reference Comment
Naloxone - Total	ng/mL	The reported result represents the total of free and conjugated naloxone.

52449U Naltrexone - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)

Summary of Changes: Stability was changed.
Reference Comment was changed.

Stability: Room Temperature: 7 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Naltrexone - Total
 Method (CPT Code)

Compound Name	Units	Reference Comment
Naltrexone - Total	ng/mL	The reported result represents the total of free and conjugated naltrexone.

3116U Naltrexone and Metabolite - Total (Conjugated/Unconjugated), Urine



Test Updates

Test Changes

Summary of Changes: Stability was changed.
Reference Comment was changed.

Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Naltrexone - Total, 6-Beta-Naltrexol - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Naltrexone - Total	ng/mL	The reported result represents the total of free and conjugated naltrexone.
6-Beta-Naltrexol - Total	ng/mL	6-beta naltrexol is the major metabolite of naltrexone that is excreted in urine. Approximately 30% is conjugated. The reported result represents the total of free and conjugated 6-beta-naltrexol.

4127U Suboxone® - Total, Urine

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.
Stability: Room Temperature: 2 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (83925): Buprenorphine - Total, Norbuprenorphine - Total, Naloxone - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/mL	The reported result represents the total of free and conjugated buprenorphine.



Test Updates

Test Changes

Compound Name	Units	Reference Comment
Norbuprenorphine - Total	ng/mL	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.
Naloxone - Total	ng/mL	The reported result represents the total of free and conjugated naloxone.

52092TI Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Tissue (Forensic)

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Reference Comment was changed.
Morphine - Free, Hydromorphone - Free, Nalbuphine - Free, Naloxone - Free, Naltrexone - Free and Butorphanol - Free were removed.
Naltrexone - Total and Butorphanol - Total were added.

Scope of Analysis: LC-MS/MS (80103, 83925): Naltrexone - Total, Butorphanol - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Naltrexone - Total	ng/g	The reported result represents the total of free and conjugated naltrexone.
Butorphanol - Total	ng/g	Free butorphanol may be detected in urine following therapeutic use. The reported result represents the total butorphanol in the sample following hydrolysis.

53092TI Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Tissue (Forensic)

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Reference Comment was changed.
Naltrexone - Free, Butorphanol - Free, Morphine - Free, Hydromorphone - Free, Nalbuphine - Free and Naloxone - Free were removed.
Naltrexone - Total and Butorphanol - Total were added.

Scope of Analysis: LC-MS/MS (80103, 83925): Naltrexone - Total, Butorphanol - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Naltrexone - Total	ng/g	The reported result represents the total of free and conjugated naltrexone.



Test Updates

Test Changes

Compound Name	Units	Reference Comment
Butorphanol - Total	ng/g	Free butorphanol may be detected in urine following therapeutic use. The reported result represents the total butorphanol in the sample following hydrolysis.

55010U Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (CSA)

Summary of Changes: Test Name was changed.
Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.
Stability: Room Temperature: 2 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 30 day(s)
Scope of Analysis: LC-MS/MS (83925): Buprenorphine - Total, Norbuprenorphine - Total, Butorphanol - Total, Nalbuphine - Total

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/mL	The reported result represents the total of free and conjugated buprenorphine.
Norbuprenorphine - Total	ng/mL	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.

54334U Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation (Drug Impaired Driving/DRE Toxicology), Urine

Summary of Changes: Test Name was changed.
Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.



Test Updates

Test Changes

- Specimen Requirements: 1 mL Urine
- Transport Temperature: Refrigerated
- Specimen Container: Plastic container (preservative-free)
- Light Protection: Not Required
- Special Handling: None
- Rejection Criteria: Received Room Temperature.
- Stability: Room Temperature: 2 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 30 day(s)

52092U Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)

Summary of Changes: Test Name was changed.
Stability was changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Reference Comment was changed.
Morphine - Total, Hydromorphone - Total, Nalbuphine - Total and Naloxone - Total were removed.

Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Naltrexone - Total, Butorphanol - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Naltrexone - Total	ng/mL	The reported result represents the total of free and conjugated naltrexone.
Butorphanol - Total	ng/mL	Free butorphanol may be detected in urine following therapeutic use. The reported result represents the total butorphanol in the sample following hydrolysis.

52407U Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)

Summary of Changes: Test Name was changed.
Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.



Test Updates

Test Changes

Specimen Requirements: 1 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: Received Room Temperature.
 Stability: Room Temperature: 2 day(s)
 Refrigerated: 14 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: LC-MS/MS (83925): Buprenorphine - Total, Norbuprenorphine - Total, Butorphanol - Total, Nalbuphine - Total
 Method (CPT Code)

Compound Name	Units	Reference Comment
Buprenorphine - Total	ng/mL	The reported result represents the total of free and conjugated buprenorphine.
Norbuprenorphine - Total	ng/mL	Buprenorphine is metabolized in the liver by N-dealkylation to inactive norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.
Butorphanol - Total	ng/mL	Free butorphanol may be detected in urine following therapeutic use. The reported result represents the total butorphanol in the sample following hydrolysis.
Nalbuphine - Total	ng/mL	The reported result represents the total of free and conjugated nalbuphine.

52448U Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)

Summary of Changes: Test Name was changed.
 Stability was changed.
 Reference Comment was changed.

Stability: Room Temperature: 14 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Butorphanol - Total, Nalbuphine - Total
 Method (CPT Code)



Test Updates

Test Changes

Compound Name	Units	Reference Comment
Butorphanol - Total	ng/mL	Free butorphanol may be detected in urine following therapeutic use. The reported result represents the total butorphanol in the sample following hydrolysis.
Nalbuphine - Total	ng/mL	The reported result represents the total of free and conjugated nalbuphine.

53092U Synthetic Opioids - Total (Conjugated/Unconjugated) Confirmation, Urine (Forensic)

Summary of Changes: Test Name was changed.
Stability was changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Reference Comment was changed.
Morphine - Total, Hydromorphone - Total, Nalbuphine - Total and Naloxone - Total were removed.

Stability: Room Temperature: 7 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Naltrexone - Total, Butorphanol - Total
Method (CPT Code)

Compound Name	Units	Reference Comment
Naltrexone - Total	ng/mL	The reported result represents the total of free and conjugated naltrexone.
Butorphanol - Total	ng/mL	Free butorphanol may be detected in urine following therapeutic use. The reported result represents the total butorphanol in the sample following hydrolysis.

4303U Talwin® Nx, Urine

Summary of Changes: Stability was changed.
Reference Comment was changed.

Stability: Room Temperature: Undetermined
Refrigerated: Undetermined
Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83925): Naloxone - Total
Method (CPT Code) GC (83925): Pentazocine - Total

Compound Name	Units	Reference Comment
Naloxone - Total	ng/mL	The reported result represents the total of free and conjugated naloxone.