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## DRUGS OF ABUSE SCREENS & FREE TESTOSTERONE

August 3, 2011

Dear Colleague:

Pathology, Inc. is pleased to announce the addition of three new tests to our Women's Health Menu:

**[4238] Testosterone, Free:** Measures levels of testosterone not bound by SHBG (sex hormone binding globulin) and may be helpful in assessing conditions where SHBG may be disrupted, such as obesity and elevated estrogen.

**[3261] Drugs of Abuse Screen, Urine, with Reflex Confirmation:** Urine screen with reflex confirmation for the presence of nine common drugs of abuse.

**[3262] Drugs of Abuse Screen, Urine (including Alcohol), with Reflex Confirmation:** Urine screen with reflex confirmation for the presence of nine drugs of abuse plus alcohol.

We thank you for choosing Pathology, Inc. and look forward to your continued support. For additional information, please visit our website at [www.pathologyinc.com](http://www.pathologyinc.com) or contact client services at 877-922-7284.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alfred Lui', is written over a light blue horizontal line.

Alfred Lui, M.D.  
Chief Medical Officer

# New Tests (Pathology, Inc.)

## 4238 Testosterone, Free

(Available 7/27/2011)

Component	Method	Reference Range/Units
Testosterone, Free	Competitive Binding Immunoassay	<b>Males:</b> 4.25-30.37 pg/mL  <b>Females:</b> 0.04-4.18 pg/mL

Specimen/Stability	5.0 mL (minimum 1.0 mL) serum. Allow blood to clot. Transport tubes at ambient temperature or refrigerated. Samples should be refrigerated if not tested immediately. Freeze samples at or below -20°C if the sample is not assayed within 24 hours.
Collection Instructions	SST or Red Top tube
Schedule	Mon, Wed, Fri
Report	24-48 hours (excluding weekends)
Clinical Utility	A measurement of the biologically active fraction of testosterone.

## 3261 Drugs of Abuse Screen, Urine, with Reflex Confirmation

(Available 8/3/2011)

Component	Method	Reference Range	Cut Off Values Units
Amphetamines (AMP)	Immunoassay	Not Detected	1000 ng/mL
Barbiturates (BAR)			200 ng/mL
Benzodiazepines (BZD)			200 ng/mL
Cannabinoids (THC)			50 ng/mL
Cocaine Metabolites (COC)			300 ng/mL
Methadone (MAD)			300 ng/mL
Opiates (OPI)			300 ng/mL
Phencyclidine (PCP)			25 ng/mL
Propoxyphene (PPX)			300 ng/mL

Specimen/Stability	20mL Urine; Stable 5 days if refrigerated 2-8°C. Transport urine refrigerated.
Collection Instructions	Urine in collection cup; NO preservatives
Schedule	Mon-Fri
Report	24-48 hours; GC/MS confirmation additional 3 business days
Clinical Utility	Urine screen with reflex confirmation for nine drugs of abuse.

## 3262 Drugs of Abuse Screen, Urine (including Alcohol), with Reflex Confirmation (8/3/2011)

Component	Method	Reference Range	Cut Off Values Units
Amphetamines (AMP)	Immunoassay	Not Detected	1000 ng/mL
Barbiturates (BAR)			200 ng/mL
Benzodiazepines (BZD)			200 ng/mL
Cannabinoids (THC)			50 ng/mL
Cocaine Metabolites (COC)			300 ng/mL
Methadone (MAD)			300 ng/mL
Opiates (OPI)			300 ng/mL
Phencyclidine (PCP)			25 ng/mL
Propoxyphene (PPX)			300 ng/mL
Ethyl Alcohol (ETOH)			<10 mg/dL

Specimen/Stability	20mL Urine; Stable 5 days at 2-8°C. Transport urine refrigerated.
Collection Instructions	Urine in collection cup; NO preservatives
Schedule	Mon-Fri
Report	24-48 hours; GC/MS confirmation additional 3 business days
Clinical Utility	Urine screen with reflex confirmation for nine drugs of abuse, plus ethyl alcohol.