

**Oregon Department of Corrections
Operations Division
Health Services Section Policy and Procedure #P-D-04.13**

SUBJECT: URINARY ALBUMIN LAB TESTING

POLICY: The ImmunoDip ® test measures small amounts of a protein called albumin in the urine. Onsite ImmunoDip testing may be used when a medical provider orders Microalbumin testing of the urine (unless otherwise specified).

REFERENCE: NCCHC Standard P-D-04, Diagnostic Services

PROCEDURE:

- A. Assemble the following equipment:
- ImmunoDip ® Test Kit, including chart for interpretation
 - Urine specimen cups
 - Gloves (must be worn with all contact with body fluid)
 - Timer or clock
- B. Provide the patient with a pre-labeled urine specimen cup with the patient's name and SID number.
- C. The urine should be tested as soon as possible after collection.
1. Patient should provide a urine specimen in the cup without allowing any part of his body to touch the inside of the cup. First morning voided urine is preferred.
 2. Allow urine to cool to room temperature before testing.
 3. After urine has cooled, do testing as soon as possible after collection.
 4. If testing cannot be done promptly, the specimen may be refrigerated for up to 24 hours. For refrigerated specimens, allow specimen to return to room temperature before testing.
 5. Do not freeze the urine sample.
- D. With gloved hands, perform the testing.
1. Remove the ImmunoDip ® device from the foil pouch. The device as well as the urine sample should be at room temperature.

Urinary Albumin Lab Testing

2. Place the ImmunoDip ® device into the urine sample. Tap the device on the bottom of the urine cup to dislodge any air bubbles in the plastic housing.
 3. Check that urine is up to or above the star on the ImmunoDip ® device.
 4. Wait for at least three (3) minutes (but no more than eight (8) hours), before removing it to read. If no color develops in the top half of the test window after three (3) minutes, an air bubble may have blocked fluid entrance into the test housing. Shake the test strip to dislodge the air bubble and recheck in three (3) more minutes.
 5. Results are obtained by direct visual comparison of the bands on the test device with the bands on the chart in the test kit. (See attachment 1 for current interpretation chart.)
- E. Record results (For recording form see Attachment 2).
- F. ImmunoDip ® test device kits are provided by Health Services Medical Stores.

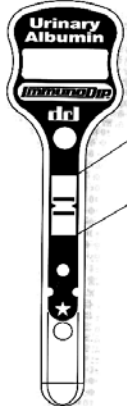
Effective Date: _____

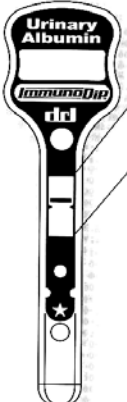
Review date: October 2008

Supersedes P&P dated: August 2008

ImmunoDip[®] Test Interpretation

The current (February 2006) interpretation chart for the ImmunoDip Test follows, and should be used to interpret the test results.

Use this chart for 2 Bands		Count Bands	What do you see?	Results	Action
	2 Bands Present	Bottom Band Darker	Negative	Report Result	
	2 Bands Present	Bands Equal	Negative	Report Result	
	2 Bands Present	Top Band Darker	Positive	Report Result	
	<p>The result is positive whenever the top band is darker. The positive test illustrated above represents a strongly positive result. Positive tests may also have a top band only slightly darker than the bottom band.</p>				
	2 Broken Bands	Blotches or Broken Bands	Invalid	Repeat Test or call DCL	

Use this chart for 0 or 1 Band		Count Bands	What do you see?	Results	Action
	1 Band Present	Top Band Present	Positive	Report (See insert Results Section)	
	1 Band Present	Bottom Band Present	Invalid	Repeat Test or call DCL	
	No Bands Present	No Bands Present	Invalid	Repeat Test or call DCL	
	2 Broken Bands	Blotches or Broken Bands	Invalid	Repeat Test or call DCL	

A positive test gives a result with the top band darker.

A negative test gives a result with the two bands equal or the bottom band darker.

The absence of any bands or the absence of the top band should be reported as an invalid test. This test should be repeated using a new device.

OREGON DEPARTMENT OF CORRECTIONS

ImmunoDip® URINE MICROALBUMIN TEST DEVICE

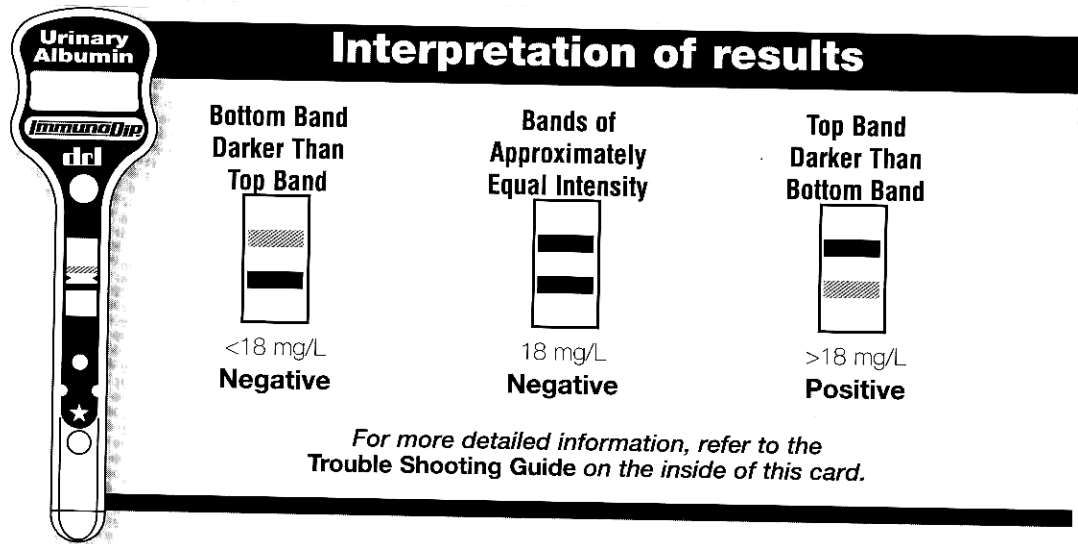
INTERPRETATION:
(Check one)

Positive _____




Negative _____

Invalid _____

Diagram: If Positive or Negative
(Circle one)



The diagram shows the ImmunoDip test device on the left, which is a vertical strip with a window at the top and a handle at the bottom. To the right is a black box titled "Interpretation of results" containing three columns of diagrams and text:

Bottom Band Darker Than Top Band	Bands of Approximately Equal Intensity	Top Band Darker Than Bottom Band
		
<18 mg/L Negative	18 mg/L Negative	>18 mg/L Positive

For more detailed information, refer to the Trouble Shooting Guide on the inside of this card.

Lot No. _____ Expiration Date: _____

Completed by: _____

Date: _____

Name _____
SID# _____
DOB _____