Alco-Screen® 02
SCREENING TEST FOR SALIVA ALCOHOL
The information in this presentation is a general overview on performing and interpreting the Alco-Screen® 02 saliva screening test.

PRODUCT TRAINING CONTENTS

• ALCO-SCREEN® 02 TEST STRIP OVERVIEW
• COLLECTION PROCEDURE
• TESTING PROCEDURE
• READING RESULTS
• CONTACT INFORMATION
Technical information

ALCO-SCREEN® 02 PRODUCT TRAINING AND CERTIFICATION

The information provided is intended to instruct test administrators in the use of the Alco-Screen® 02 Saliva Alcohol Test. Please review the following information carefully. A multiple-choice test will be administered once the following information has been reviewed. This training is not to be used for United States Department of Transportation (DOT) regulated training. A separate training course is required for DOT training. Please contact the manufacturer or your supplier for further information.
Features and benefits
Features and benefits

**PRINCIPLE**

ALCO-SCREEN® 02 consists of a plastic strip with a test pad attached at the tip. The test pad is treated to react with alcohol in saliva. A distinct colored line will develop across the test pad if alcohol is detected at greater than or equal to 0.02% Blood Alcohol Concentrations (BAC).

**REAGENTS**

The test pad contains tetramethylbenzidine, alcohol Oxidase (EC 1.1.3.13), peroxidase (EC 1.11.1.7) and other non-active ingredients.
Features and benefits

INTENDED USE

ALCO-SCREEN® 02 is a qualitative screening test used to detect the presence of ethyl alcohol in human saliva. The test detects relative blood alcohol concentrations (BAC) greater than or equal to 0.02%. Results are used for the diagnosis of alcohol use. For in-vitro diagnostic use. The assay is a disposable test for one-time use.

- For in vitro diagnostic use. Keep out of reach of children.
- Do not use past the expiration date printed on the foil package.
- Do not use if the package is unsealed or damaged.
- Do not open test package until ready to use.
- Do not use if you see a blue line across the test pad upon opening the test package.
- Read test under incandescent, fluorescent or indirect sunlight.
- Do not read under sodium vapor light.
Features and benefits

**INTENDED USE**

- Persons who are visually impaired should not interpret this test.
- **ALCO-SCREEN® 02** is very sensitive to alcohol and will react if there are alcohol vapors present in the air. Safeguards must be taken regarding the use of hand sanitizers containing ethyl alcohol (i.e. ethanol) by persons performing the test. You can test for alcohol vapors by first performing the test using tap water in place of saliva. If you get a positive result using tap water, move testing to an alcohol free area.
- Do not re-use the test.
- Dispose of properly.
- This test provides an estimate of blood alcohol concentration. It should not be used to determine if it is safe to operate machinery or a motor vehicle.
- Results from this test may not be used as evidence in legal proceedings.
Precautions, storage, and stability

MATERIALS:

• Twenty-four (24) individually packaged tests per box.
• One ALCO-SCREEN® 02 test strip per package.
• One instruction sheet.

STORAGE AND HANDLING:

• Do not store at temperature above 80°F (27°C) or below 50°F (10°C).
• Do not freeze.

NEEDED BUT NOT INCLUDED:

• Timer
• Clean Collection Cup
Limitations

• Confirm positive results using an acceptable evidentiary alcohol test.

• Do not use ALCO-SCREEN® 02 to determine one’s ability to legally operate a motor vehicle or other heavy equipment. Any decisions based on the results of this test are the sole responsibility of the user.

• Alcohol use impairs judgment. Someone sober should perform the test.

• You must wait 15 minutes after placing food, drink or other materials in your mouth before running the test.
Directions for use

BEFORE YOU BEGIN

• DO NOT place anything in mouth for 15 minutes before testing.
• Remove test package from the box and let it reach room temperature.
• Open package immediately before testing.
• Inspect test pad. The test pad should be a cream color.
• A faint shadow may be seen across the test pad where it has been treated to detect alcohol.
• Do not use the test if a blue line can be seen across the test pad.

For further details, refer to the package insert under: Directions for Use.
Collection Procedure
Collecting a saliva specimen

PROCEDURE

• Wet test pad with saliva for 5 seconds, then remove. Start the timer immediately.

• At 4 minutes, read the results.

• If a distinct colored line appears (see below), relative blood alcohol concentration (BAC) is greater than or equal to 0.02%.

Note: Results read after 5 minutes may not be accurate.
Interpretation of results
Interpretation of results

POSITIVE RESULTS

• Distinct colored line appears on the test pad. BAC greater than or equal to 0.02%.

NEGATIVE RESULTS

• No colored line appears on the test pad. BAC is below 0.02%.

*A more specific alternate analytical method must be used in order to obtain a confirmed analytical result. Please contact your sales representative to review confirmation test options.
Interferences
Interferences

ALCO-SCREEN® 02 will react with methyl, ethyl, and other short-chain alcohols. The following substances may interfere with ALCO-SCREEN® 02 if present in saliva above the listed concentrations:

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CONCENTRATION (% V/V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Butanol (Butyl Alcohol)</td>
<td>0.0005%</td>
</tr>
<tr>
<td>2-Butanol</td>
<td>1.0%</td>
</tr>
<tr>
<td>Methanol (Methyl Alcohol)</td>
<td>0.0002%</td>
</tr>
<tr>
<td>Acetone</td>
<td>1.0%</td>
</tr>
<tr>
<td>Glycerol</td>
<td>1.0%</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>0.5%</td>
</tr>
</tbody>
</table>
Congratulations!
You have completed the training course.

CLOSE WINDOW TO ACCESS QUIZ

You can now take a quiz with 10 questions that represent hypothetical situations for you to analyze. You need to score 100% to pass and receive your Certificate of Completion. Take the quiz as many times as you like to pass. Helpful tips are available for incorrect answers.

For additional information or assistance with this device contact Technical Support at 877-444-0049.

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