



**COMPLETE TESTING SYSTEM**

Read Instructions and Warnings carefully before use

# SUBSTANCE-ID™ TESTS

A

B

C

D

E

SUBSTANCE-ID™ comprises a series of 5 qualitative tests that can be used to presumptively identify more than 2 dozen different substances in oils, pills, or powdered samples. These reagent-based tests work by chemical reaction, and indicate the potential presence of these substances with a visible color change. Each test is disposable, and is good for one use. Follow these instructions when testing samples with any of the Substance Tests A,B,C,D, or E.

Note that for most substances, two tests are recommended in order to maximize accuracy and compound differentiation. The recommended tests for each substance are noted with arrows on the Color Reaction charts. Please repeat Steps 1-6 on the second test when indicated.

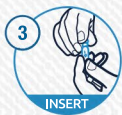
## INSTRUCTIONS



1 Lightly tap Substance Test ampule on flat surface to settle contents.



2 With two hands, grip plastic safety cap and glass Substance Test ampule. Carefully break open.



3 Insert sample in ampule for testing.  
**Oils:** 3-6 drops  
**Pills:** 20mg powder\*  
**Raw Powders:** 20mg powder\*  
\* *size of a match head.*

With **D TEST** only, also add catalyst ball (found in safety cap)



4 Cover ampule with safety cap. Gently swirl to mix.



5 Note color reaction (if any) and timing. Compare to chart.

With **B TEST** only, also hold ampule next to UV Light. Note fluorescent color change (if any).



6 Safely dispose in trash/recycling per local regulations. Note that most tests will darken over time. Ignore color changes that occur after the expected time.

## SAMPLE PREPARATION:

**Tablets:** Crush a small portion of the tablet into powder.

**Capsules:** Open the capsule and remove a small amount of powder.

**Oil-based steroids:** Use a syringe with 21-23g needle attached for placing drops in the testing ampules. Drop count may need to be adjusted for larger or smaller needles.

**Water-based steroids:** Not for use with water-based samples. However, dry powder may be obtained by placing 10-15 drops on a clean surface and allowing water to fully evaporate. This may be tested as a raw powder.

**Be careful not to contaminate the sample during preparation. Avoid direct contact with hands, and use only a clean inert object to manipulate.**

# COLOR REACTIONS

## ORAL PRODUCTS (PILLS)

Chlorodehydromethyltestosterone



Clenbuterol



Fluoxymesterone



Mesterolone



Methandrostenolone



Methasteron



Methenolone Acetate



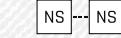
Methyltestosterone



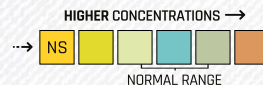
Oxandrolone



Oxymetholone



Stanozolol



|     |                         |   |                  |
|-----|-------------------------|---|------------------|
| NS  | No Significant Reaction | W | Weak Reaction    |
| --- | Color Shift             |   | Under UV Light   |
|     | Delayed Reaction        | → | Recommended Test |

**Interpretation:** Color squares show expected color change with a substance match. The amount of suspected material needed may vary by concentration and purity. Use more or less material if colors are too weak/intense. Many color reactions will also darken over time. Make color determination based on suggested time for each test, and look for most vibrant color.

**Substance Test A, B, C, E** should first be evaluated for an immediate (< 1 minute) reaction.



























































**Substance Test B** has an optional check under **UV light**. Potential color shift is noted in second color box for this test.

**Substance Test C** has a time-sensitive element with some samples. For these, check for a color shift (second box) at **15 minutes**.

**Substance Test E** has a time-sensitive element with some samples. For these, check for a color shift at **20-30 minutes**.

# COLOR REACTIONS

## INJECTABLE PRODUCTS (OILS)

|                             | A   | B    | D   |
|-----------------------------|---|---|--|
| Boldenone Decanoate         |    | →  NS  | →  →  10-20 minutes                       |
| Boldenone Undecylenate      |    | →  NS  | →  →  10-20 minutes                       |
| Drostanolone Enanthate      | →  | →  NS  | →  →  4-5 minutes,<br>brown at 60 minutes |
| Drostanolone Propionate     | →  | →  NS  | →  →  4-5 minutes                         |
| Methenolone Acetate         | →  | →  NS  |  |
| Methenolone Enanthate       |    | →  NS  | →  →  2-3 minutes,<br>darkens over time   |
| Nandrolone Decanoate        | →  | →  NS  | →  →  2-3 minutes                         |
| Nandrolone Phenylpropionate | →  | →  →  | →  →  2-3 minutes                         |
| Sust 250                    |    | →  NS  | →  →  2-3 minutes                         |
| Testosterone Cypionate      |    | →  NS  | →  →  2-3 minutes                         |
| Testosterone Enanthate      |    | →  NS  | →  →  2-3 minutes                         |
| Testosterone Propionate     |    | →  →  | →  →  2-3 minutes                         |
| Trenbolone Acetate          | →  | →  →  | →  Immediate reaction  |
| Trenbolone Enanthate        | →  | →  →  | →  Immediate reaction  |

|  |  |
|--|--|
| NS No Significant Reaction   | W Weak Reaction  |
| → Color Shift  |  Under UV Light |
|  Delayed Reaction | → Recommended Test   |

**Interpretation:** Color squares show expected color change with a substance match. The amount of suspected material needed may vary by concentration and purity. Use more or less material if colors are too weak/intense. Many color reactions will also darken over time. Make color determination based on suggested time for each test, and look for most vibrant color.

**Substance Test A, B, D** should first be evaluated for an immediate (< 1 minute) reaction.

**Substance Test B** has an optional check under **UV light**. Potential color shift is noted in second color box for this test.

**Substance Test D** has a time-sensitive element with some samples. For these, check for a color shift (second box) at noted time.

# COLOR REACTIONS

## PURE/RAW POWDERS (ORALS)

Chlorodehydromethyltestosterone

Fluoxymesterone

Mesterolone

Methasteron


























Methandrostenolone

Methyltestosterone

Oxandrolone

Oxymetholone


Stanozolol


|                                 | A  | B   | C          |
|---------------------------------|--|--|---|
| Chlorodehydromethyltestosterone |       | →→  --- NS  | →→           |
| Fluoxymesterone                 | →→    | →→ NS  | NS  |
| Mesterolone                     | →→    | →→  --- NS  | NS  |
| Methasteron                     | →→    | →→  --- NS  |   |
| Methandrostenolone              |       | →→  --- NS  | →→           |
| Methyltestosterone              |       | →→   | →→           |
| Oxandrolone                     | NS   | →→   | →→ NS ---  |
| Oxymetholone                    |       | →→  --- NS  | →→           |
| Stanozolol                      | →→  W | NS --- NS  | →→ NS ---  |

NS No Significant Reaction

W Weak Reaction

--- Color Shift

 Under UV Light

 Delayed Reaction

→→ Recommended Test

**Interpretation:** Color squares show expected color change with a substance match. The amount of suspected material needed may vary by concentration and purity. Use more or less material if colors are too weak/intense. Many color reactions will also darken over time. Make color determination based on suggested time for each test, and look for most vibrant color.

**Substance Test A, B, C** should first be evaluated for an immediate (< 1 minute) reaction.

**Substance Test B** has an optional check under **UV light**. Potential color shift is noted in second color box for this test.

**Substance Test C** has a time-sensitive element with some samples. For these, check for a color shift (second box) at **15 minutes**.

# COLOR REACTIONS

## PURE/RAW POWDERS (STEROID ESTERS)

Drostanolone Enanthate

Drostanolone Propionate

Methenolone Acetate

Methenolone Enanthate

Nandrolone Decanoate

Nandrolone Phenylpropionate

Testosterone Cypionate

Testosterone Enanthate

Testosterone Propionate

Trenbolone Acetate

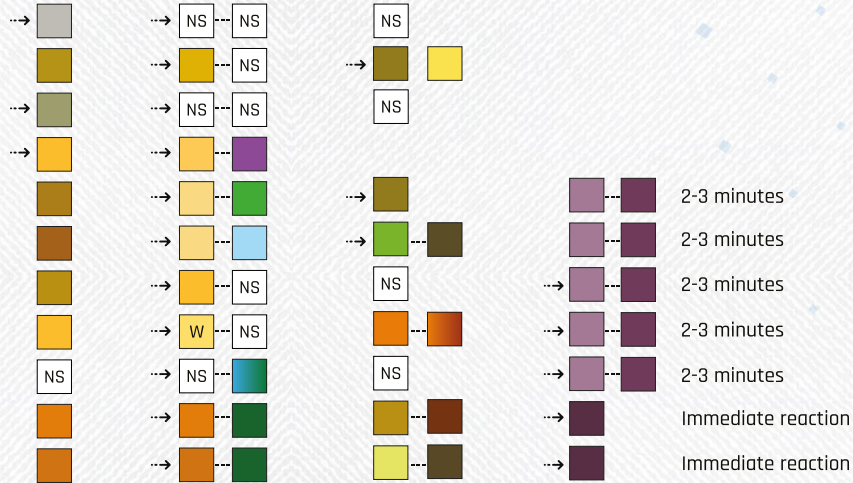
Trenbolone Enanthate

A

B 

C 


D 




NS No Significant Reaction

W Weak Reaction

→ Color Shift

 Under UV Light

 Delayed Reaction

→ Recommended Test

**Interpretation:** Color squares show expected color change with a substance match. The amount of suspected material needed may vary by concentration and purity. Use more or less material if colors are too weak/intense. Many color reactions will also darken over time. Make color determination based on suggested time for each test, and look for most vibrant color.

**Substance Test A, B, C, D** should first be evaluated for an immediate (< 1 minute) reaction.

**Substance Test B** has an optional check under **UV light**. Potential color shift is noted in second color box for this test.

**Substance Test C** has a time-sensitive element with some samples. For these, check for a color shift (second box) at **15 minutes**.

**Substance Test D** has a time-sensitive element with some samples. For these, check for a color shift (second box) at noted time.

# SEMI-QUANTITATIVE TESTS

F

G

H

SEMI-QUANTITATIVE is an additional series of reagent-based tests that can be used to presumptively identify the presence of several anabolic steroids in oil. While these tests cannot be used to determine the precise concentration of each substance, they may indicate rough concentration ranges. For this series of reagents, each of two Substance Tests ampules (F, G) is paired with an additional agent (H), which must be combined according to the following instructions.

Note that these tests rely on the precise measurement of samples and timing. Please follow the preparation and testing steps carefully in order to avoid inaccurate results due to the presence of higher or lower than expected sample sizes.

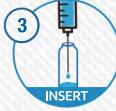
## INSTRUCTIONS



1 Lightly tap ampule on a flat surface to settle contents.



2 Open Substance Test ampule (**SUBSTANCE TEST F or G**).



3 Carefully insert 25µl of steroid (oil) in the bottom of ampule. Use the measurements below. Gently swirl ampule to mix.

4-5 drops / 21 gauge needle  
5-6 drops / 22 gauge needle  
6-7 drops / 23 gauge needle



4 Wait **60 seconds**.



5 Add the contents of the SUBSTANCE TEST H bottle to the Substance Test ampule (F or G). Gently swirl ampule to mix.



6 Compare the color reaction (if any) to the color reactions chart below.



7 Safely dispose in trash/recycling per local regulations. Note that tests may darken over time. Ignore color changes that occur after the expected time.

## COLOR REACTIONS

Testosterone Cypionate (oil)

F H

Testosterone Enanthate (oil)

Nandrolone Decanoate (oil)

G

Trenbolone Enanthate (oil)

G

| < 25 mg/mL | ~ 50 mg/mL | ~ 100 mg/mL | ~ 200+ mg/mL |
|------------|------------|-------------|--------------|
|------------|------------|-------------|--------------|

NS\*



NS\*



NS\*



\* No Significant Reaction or No Steroid

Color reactions are approximate and may vary based on sample size.

Not meant for exact quantification. Darker colors are generally consistent with higher steroid concentrations.

**ROIDTEST™** is a system of colorimetric reagent-based tests that can indicate the presumptive presence of particular steroids or other substance by color reaction. These tests designed to work with pills, oils, and raw (pure) powders only. They are not designed for use with water-based samples.

#### **LIMITATIONS:**

ROIDTEST looks for the presence of a particular substance or substances only, and may not identify drug quantity, other substances, or adulterants. A positive or negative reaction does not indicate that a drug is safe. No drug use is 100% safe. ROIDTEST is a presumptive test only, and is not meant as a substitute for laboratory analysis.

#### **WARNINGS:**

THIS PRODUCT IS HIGHLY CORROSIVE AND/OR TOXIC. Keep out of reach of children and pets. It is recommended that you wear protective latex gloves when opening and handling the ROIDTEST™ vials. If the reagent chemicals come into contact with the skin, rinse with water immediately. If it gets in the eyes, flush the eyes with water for at least 10 minutes, holding them open. **DO NOT INGEST.** If accidental ingestion occurs, rinse the mouth. Do not induce vomiting. Drink water and seek immediate medical attention.

#### **LEGAL:**

Before use, check local laws to confirm your intended application is legal in your area. ROIDTEST™ is a trademark of Colorimetrics, LLC. Colorimetrics, LLC cannot be held liable for misuse of the ROIDTEST™ product(s).

#### **QUESTIONS?**

Call or email us: [sales@roidtest.com](mailto:sales@roidtest.com)



**COLORIMETRICS**

1001 E. Harmony Rd. • Ste A342, Fort Collins, CO 80525 • (844) 764-3837

[www.roidtest.com](http://www.roidtest.com)

Store in a cool dark place away from direct sunlight.

