

2,4-D DETAILED FLOWCHART

1.

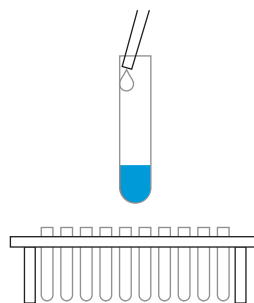


Label test tubes for Standards (Calibrators), Control, and Samples.

Tube #	Content
1, 2	Diluent/Zero
3, 4	Standard 1, 2.0 ppb
5, 6	Standard 2, 10 ppb
7, 8	Standard 3, 100 ppb
9	Sample 1
10	Sample 2
11	Sample 3

Add 500 µL of either Standards, Control or Samples down the inside wall of each test tube by aiming the pipet tip 1/4" to 1/2" below the tube rim without touching the rim or tube wall with the pipet tip; deliver liquid gently.

5.



Add 500 µL of Color Reagent down the inside wall of each tube by using the technique described in Box 2.

6.



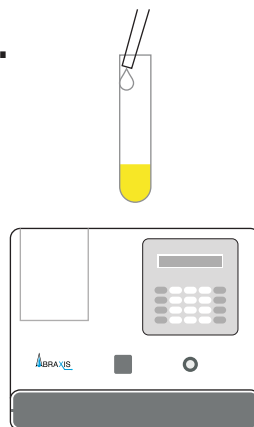
React for 20 minutes at room Temperature (15°- 30° C). During this period, add 1 mL of Washing Solution into a clean tube for use as an instrument blank in Step 8.

2.



Add 200 µL of 2,4-D Enzyme Conjugate down the inside wall of each tube by using the technique described in Box 2. Vortex or swirl for 5 to 10 seconds

7.



Add 500 µL of Stopping Solution down the inside wall of each tube by using the technique previously Described. Read results at 450 nm within 15 minutes after adding the Stopping Solution. Multiply results of samples by the appropriate dilution factor (if any).

[Safety Caution: Stopping Solution contains diluted sulfuric acid.]

3.



React 20 minutes at room temperature (15 °- 30°C).

4.



Add 4 mL of Washing Solution to each tube (alternatively flood the tubes completely with wash solution then invert to empty tubes). Using a smooth motion, invert tubes over a sink and pour out the tube contents: keep inverted and blot the test tube rims on several layers of paper toweling. Repeat this step 4 times.

For Ordering or Technical Assistance Contact:
ABRAXIS, LLC 54 Steamwhistle Drive, Warminster, PA 18974
Phone: 215-357-3911 Fax: 215-357-5232
Web: www.abraxiskits.com

2,4-D Tube Kit Part # 54004B, 40 Test

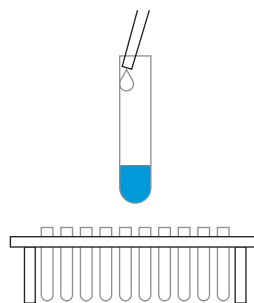
2,4-D CONCISE FLOWCHART

1.



Add 500 μ L of either Standards (calibrators), Control or Samples to the bottom of each test tube.

5.



Add 500 μ L of Color Reagent down the inside wall of each test tube.

2.



Add 200 μ L of 2,4-D Enzyme Conjugate to each test tube.

Vortex or swirl.

6.



Incubate for 20 minutes.

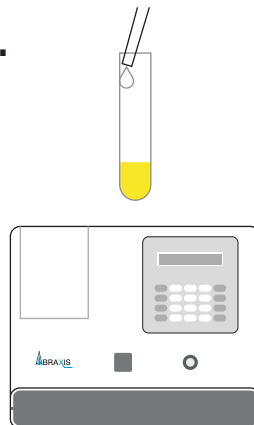
Prepare blank.

3.



Incubate for 20 minutes.

7.



Add 500 μ L of Stopping Solution to each test tube.

Read OD 450

4.



Add 4 mL of Washing Solution (alternatively flood the tubes).

Invert the tube and blot.

Repeat this step 4 times.

For Ordering or Technical Assistance Contact:
ABRAXIS, LLC 54 Steamwhistle Drive, Warminster, PA 18974
Phone: 215-357-3911 Fax: 215-357-5232
Web: www.abraxiskits.com

2,4-D Tube Kit Part # 54004B, 40 Test