

2,4-D DETAILED FLOWCHART

1.

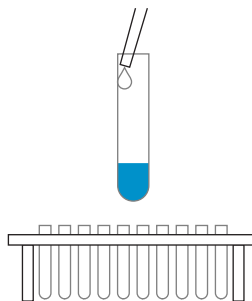


Label test tubes for Standards (Calibrators), Control, and Samples.

Tube #	Content
1, 2	Diluent/Zero Standard 0 ppb
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 μ L 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 μ L of Color Reagent down the inside wall of each tube by using the technique described in Box 1.

2.



Add 200 μ L of 2,4-D Enzyme Conjugate down the inside wall of each tube by using the technique described in Box 1. Vortex or swirl for 5 to 10 seconds

6.



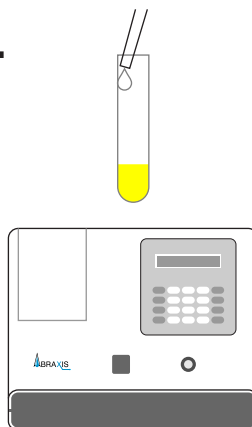
Incubate for 10-20 minutes at room temperature (15°- 30°C). During this period, add 1 mL of deionized water into a clean tube for use as an instrument blank in Step 7.

3.



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

7.



Add 500 μ L 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 necessary).

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

4.



Flood the tubes completely with deionized water 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, Inc. 124 Railroad 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

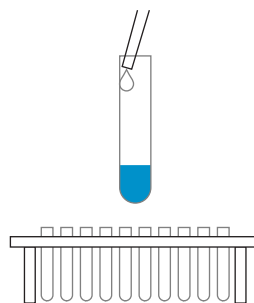
2,4-D CONCISE FLOWCHART

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.

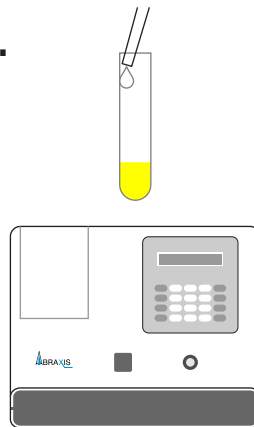
Prepare blank.

3.



Incubate for 20 minutes.

7.



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

Read OD 450

4.



Flood tubes with deionized water.

Invert tubes and blot.

Repeat this step 4 times.

For Ordering or Technical Assistance Contact:
ABRAXIS, Inc. 124 Railroad 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