

HPLC READY TO USE DIAGNOSTIC KIT FOR HPLC

ACETONE in urine samples

Catalog No: RC-ACU-K00100

Pack Size: 100 tests

Category: BIOMONITORING

End Point Method: UV reading

Acetone is a molecule normally present in our body in small quantities. An excess of acetone occurs in severe sugar deficiency, when the body is forced to use almost exclusively fat to satisfy the metabolism. It is a volatile substance that is also eliminated through breathing, giving the expired air a characteristic smell of ripe fruit. An excess of acetone (ketoacidosis) from glucose deficiency can also be found in the decompensated diabetes (where insulin deficiency causes glucose to fail to enter sufficient quantities in the cells) and protracted fasting (especially if carbohydrate). Acetone is also used as a solvent, in industrial processing, in high doses, it can cause headache, dizziness, drowsiness, epigastralgia, vomiting, rhinopharyngitis and conjunctivitis. In case of isopropanol intoxication, acetone increases.

The kit allow chromatography determination of Acetone on isocratic HPLC with UV/VIS detector

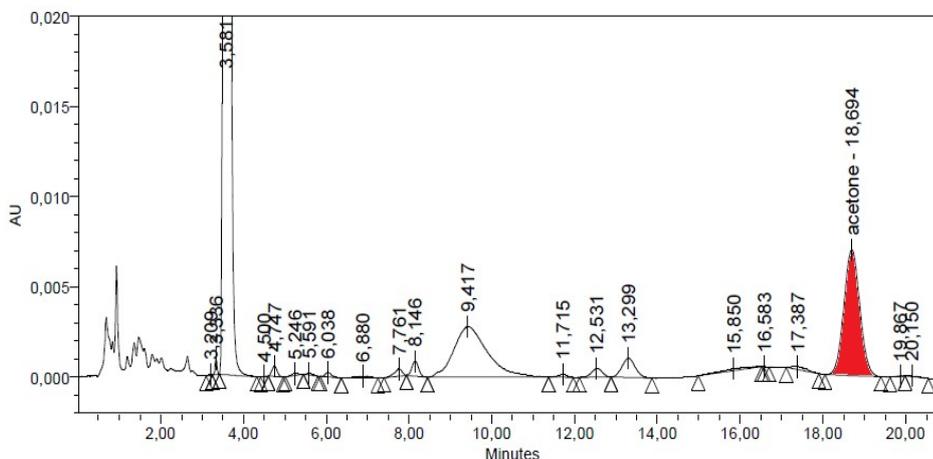
COMPOSITION:

Kit for 100 tests, include:

- i) Mobile phase,
- ii) Chemical Calibration standard,
- iii) Reagents A and B.

The Kit is characterized by an easy sample preparation. The proved kit components ensure a reliable and trouble-free analytics.

CHROMATOGRAM OF STANDARD





SAFETY PRECAUTIONS:

1. This kit is for in vitro use only. Follow the working instructions carefully. KINESISDX and its authorized distributors shall not be liable for damages indirectly or consequentially brought about by changing or modifying the procedure indicated.
2. The expiration dates stated on the respective labels are to be observed. The same relates to the stability stated for reconstituted reagents.
3. Do not use or mix reagents from different lots.
4. Do not use reagents from other manufacturers.
5. Avoid time shift during pipetting of reagents.
6. All reagents should be kept at 2 - 8 °C before use in the original shipping container.
7. Some of the reagents contain small amounts of bromonitrodioxane (< 0.01 % w/w), methylisothiazolones (< 20 ppm) and sodium azide (< 0.05 %) as a preservative. They must not be swallowed or allowed to come into contact with skin or mucosae.
8. Since the kit contains potentially hazardous materials the following precautions should be observed:
9. Do not smoke, eat or drink while handling kit material.
10. Always use protective gloves,
11. Never pipette material by mouth,
12. Wipe up spills promptly, washing the affected surface thoroughly with a decontaminant.

THANK YOU FOR USING A KINESISDX PRODUCT !!!