

Pipes buffer • Instructions for use •

REF: RLR006, RLA706.900, RLA706.1000

Intended purpose

The device is a consumable, which is used for performing the basophil histamine release assay (BHRA).

The Pipes buffer, pH 7.4 is used as a buffering agent in biochemistry. It contains 1,4-piperazinediethanesulfonic acid, Ca⁺⁺ and Mg⁺⁺ and has a pKa near the physiological pH which makes it useful in cellular assays. In the basophile histamine release assay (BHRA) / HR-Test methods, Pipes buffer is used for blood sample preparation, serum sample dilution and extration, dilution and reconstitution of allergens, controls and standards.

For in vitro diagnostic use.

Intended user

Pipes buffer is for professional (health care) use only.

Composition

| | |
|---|-------------|
| Piperazin-N,N'-bis-2-ethane sulfonic acid | 9.98 mmol/L |
| Sodium acetate, trihydrate | 0.14 mol/L |
| Potassium acetate | 5.00 mmol/L |
| Calcium chloride, dihydrate | 0.60 mmol/l |
| Magnesium chloride, hexahydrate | 1.10 mmol/L |

Variants

| Product name | Article no | UDI code | Volume | Pack size |
|-----------------------|-------------|----------------|---------|-----------|
| Pipes buffer, 100 mL | RLR006 | 05744003280124 | 100 mL | 1 |
| Pipes buffer, 900 mL | RLA706.900 | 05744003280131 | 900 mL | 1 |
| Pipes buffer, 1000 mL | RLA706.1000 | 05744003280148 | 1000 mL | 1 |

Reagent preparation

The Pipes buffer is ready to use

Test principle

Refer to separately provided BHRA / HR-Test method-specific work instructions.

Storage and handling conditions

Before opening: +2 - +8 °C until labelled expiry.

After opening: Stable for 1 month at +2 – +8 °C

The reagent should reach room temperature before use.

Warnings

The Pipes buffer is a non-hazardous reagent

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Waste disposal

Non-hazardous waste

Manufacturer

RefLab ApS
Copenhagen Bioscience Park 'COBIS'
Ole Maaloes Vej 3
DK 2200 Copenhagen N
Denmark

Symbols

| | |
|---|------------------------------|
|  | CE mark |
|  | For in vitro diagnostic use |
|  | Catalog number |
|  | Batch code |
|  | GTIN code |
|  | Expiry date |
|  | Expiry after opening |
|  | Storage temperature |
|  | Consult instructions for use |
|  | Manufacturer |