

## Instructions for InSight V5 Veterinary Haematology Analyser Reagents

### Preface

Thank you for purchasing the InSight V5 Veterinary Haematology Analyser Reagents manufactured by Woodley Equipment Company Ltd.

Please read and understand the entire user manual before operating this device.

Store these instructions properly for future reference.

**Manufacturer:** Woodley Equipment Company Ltd.

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### FOR VETERINARY USE ONLY

(Date of manufacture: see product label)

### V5 LY1 Lyse

#### Product Name

InSight V5 Haematology Analyser Lyse

#### Model

V5 LY1

#### Packing Specification

100mL, 200mL

#### Intended Use

It is used to lyse (break down) red blood cells for haemoglobin determinations and aid in the counting of white blood cells.

#### Principle

The reagent is added to lyse the red blood cells (RBC) and react with the released haemoglobin (Hgb) for the measurement of Hgb, white blood cell count (WBC) and Basophils (BAS).

#### Active Ingredients

Surface active agent; Buffering agent; Antifungal and antibacterial agents.

#### Storage and Stability

The product will be stable for 2 years when stored at 2°C to 30°C (35°F to 86°F).

If the operating environment is 15°C to 30°C (59°F to 86°F), discard opened container after 60 days.

#### Applicable Analyser

Applicable to the InSight V5 Haematology Analyser manufactured by Woodley Equipment Company Ltd.

#### How to Use

Ensure the lysing reagent is at the correct temperature, unpack the reagent, insert the corresponding tube to the reagent bottle according to the colour correspondence between the reagent bottle cap and the analyser bottle cap assembly joint, screw the bottle cap assembly, replace the reagent according to the operator's manual of the analyser. Then conduct a background count to make sure that the measured value is within the background counting range required as stated in the operator's manual of the analyser before sample testing. Refer to the operator's manual of the analyser for further information.

#### Specifications

The product is a clear liquid without particles, precipitate or floccule.

Background result:  $WBC \leq 0.2 \times 10^9/L$ ,  $Hgb \leq 1g/L$ .

#### Precautions

- Avoid skin or eye contact. In case of skin or eye contact, flush the affected area with water immediately and consult a doctor. Do not inhale. In case of inhaling, immediately consult a doctor.
- Use product before the expiration date.
- If product is frozen (either partially or completely), thaw completely, warm to room temperature and mix thoroughly by gentle inversion. Verify background results before analysing patient samples.
- Dispose of waste product in accordance with governmental requirements.
- Test result may be unreliable if: reagent is expired or invalid; reagent is polluted with dust from the air; sample is not processed cleanly; reagent is mixed or used with third party reagents.

### V5 LY2 Lyse

#### Product Name

InSight V5 Haematology Analyser Lyse

#### Model

V5 LY2

#### Packing Specification

200mL, 500mL

#### Intended Use

It is used to lyse (break down) red blood cells and maintain the morphology of cells before blood cell analysis, so as to facilitate the counting of white blood cells.

#### Principle

The product is added to lyse the red blood cells (RBC) and maintain the morphology of cells for white blood cell (WBC) differential.

#### Active Ingredients

Surface active agent; Buffering agent; Antifungal and antibacterial agents.

#### Storage and Stability

The product will be stable for 2 years when stored at 2°C to 30°C (35°F to 86°F).

If the operating environment is 15°C to 30°C (59°F to 86°F), discard opened container after 60 days.

#### Applicable Analyser

Applicable to the InSight V5 Haematology Analyser manufactured by Woodley Equipment Company Ltd.

#### How to Use

Ensure the lysing reagent is at the correct temperature, unpack the reagent, insert the corresponding tube to the reagent bottle according to the colour correspondence between the reagent bottle cap and the analyser bottle cap assembly joint, screw the bottle cap assembly, replace the reagent according to the operator's manual of the analyser. Then conduct a background count to make sure that the measured value is within the background counting range required as stated in the operator's manual of the analyser before sample testing. Refer to the operator's manual of the analyser for further information.

#### Specifications

The product is a clear liquid without particle, precipitate or floccule.

Background result:  $WBC \leq 0.2 \times 10^9/L$ .

#### Precautions

- Avoid skin or eye contact. In case of skin or eye contact, flush the affected area with water immediately and consult a doctor. Do not inhale. In case of inhaling, immediately consult a doctor.
- Use product before the expiration date.
- If product is frozen (either partially or completely), thaw completely, warm to room temperature and mix thoroughly by gentle inversion. Verify background results before analysing patient samples.
- Dispose of waste product in accordance with governmental requirements.
- Test result may be unreliable if: reagent is expired or invalid; reagent is polluted with dust from the air; sample is not processed cleanly; reagent is mixed or used with third party reagents.

**V5 DIL Diluent****Product Name**

InSight V5 Haematology Analyser Diluent

**Model**

V5 DIL

**Packing Specification**

10L, 20L

**Intended Use**

It is used for blood cell analysis, sample dilution and cell suspension preparation.

**Principle**

The diluent is a solution with certain ion strength and conductivity, which can dilute the blood and form the sheath flow, providing a stable environment for blood cell counting.

**Active Ingredients**

Sodium Chloride, Sodium Sulfate, Buffering agent; Antifungal and antibacterial agents.

**Storage and Stability**

The product will be stable for 2 years when stored at 2°C to 30°C (35°F to 86°F). If the operating environment is 15°C to 30°C (59°F to 86°F), discard opened container after 60 days.

**Applicable Analyser**

Applicable to the InSight V5 Haematology Analyser manufactured by Woodley Equipment Company Ltd.

**How to Use**

Ensure the diluent is at the correct temperature, unpack the reagent, insert the corresponding tube to the diluent barrel according to the colour correspondence between the reagent bottle cap and the analyser bottle cap assembly joint, screw the bottle cap assembly, replace the reagent according to the operator's manual of the analyser. Then conduct a blank determination to make sure that the measured value is within the blank counting range required as stated in the operator's manual of the analyser before sample testing. Refer to the operator's manual of the analyser for further information.

**Specifications**

The product should be clear liquid without particles, sediment and flocs.

Background result: WBC $\leq$ 0.2 $\times$ 10<sup>9</sup>/L, RBC $\leq$ 0.02 $\times$ 10<sup>12</sup>/L, Hgb $\leq$ 1g/L, PLT $\leq$ 10 $\times$ 10<sup>9</sup>/L.

**Precautions**

- Avoid skin or eye contact. In case of skin or eye contact, flush the affected area with water immediately and consult a doctor. Do not inhale. In case of inhaling, immediately consult a doctor.
- Use product before the expiration date.
- If product is frozen (either partially or completely), thaw completely, warm to room temperature and mix thoroughly by gentle inversion. Verify background results before analysing patient samples.
- Dispose of waste product in accordance with governmental requirements.
- Test result may be unreliable if: reagent is expired or invalid; reagent is polluted with dust from the air; sample is not processed cleanly; reagent is mixed or used with third party reagents.

**V5 CLE Cleanser****Product Name**

InSight V5 Haematology Analyser Cleanser

**Model**

V5 CLE

**Packing Specification**

50 mL

**Intended Use**

It is used for regular cleaning and washing of the probe and tubing system within the InSight V5 Haematology Analyser.

**Principle**

The product is a strong alkaline solution that effectively cleans out protein stains and other particles affecting blood cell counting.

**Active Ingredients**

Surface active agent, NaClO, NaOH

**Storage and Stability**

The product will be stable for 2 years when stored at 2°C to 30°C (35°F to 86°F).

If the operating environment is 15°C to 30°C (59°F to 86°F), discard opened container after 60 days.

**Applicable Analyser**

Applicable to the InSight V5 Haematology Analyser manufactured by Woodley Equipment Company Ltd.

**How to Use**

Follow the instructions on the analyser operating screen and set the uncapped cleanser to the sample probe when required. Then press the aspirate key to start cleanser maintenance. Refer to the operator's manual of the analyser for further information.

**Specifications**

The product should be light yellow transparent liquid without particles, sediment and flocs.

Background result: WBC $\leq$ 0.2 $\times$ 10<sup>9</sup>/L, RBC $\leq$ 0.02 $\times$ 10<sup>12</sup>/L, Hgb $\leq$ 1g/L, PLT $\leq$ 10 $\times$ 10<sup>9</sup>/L.

**Precautions**

- Avoid skin or eye contact. In case of skin or eye contact, flush the affected area with water immediately and consult a doctor. Do not inhale. In case of inhaling, immediately consult a doctor.
- Use product before the expiration date.
- If product is frozen (either partially or completely), thaw completely, warm to room temperature and mix thoroughly by gentle inversion. Verify background results before analysing patient samples.
- Dispose of waste product in accordance with governmental requirements.
- Test result may be unreliable if: reagent is expired or invalid; reagent is polluted with dust from the air; sample is not processed cleanly; reagent is mixed or used with third party reagents.

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**Declaration**

Woodley Equipment Company reserves the right of final interpretation of this user manual.

Woodley Equipment Company shall be responsible for the safety, security, and performance of the product only when all of the following conditions are met:

The product is operated by the authorised personnel of Woodley Equipment Company or its specified agent according to this manual.

- The product is operated and stored based on this user manual or the labels.
- The product is used in specific models.

**Service**

The product service will be under the warranty service specified by Woodley Equipment.

The warranty shall not extend to:

- Reagent expired
- Improper use or man-made failure; Reagent invalidation caused by storage environment out of specified range; force majeure such as fire and earthquake; Others not caused by instrument or part itself.



Consult  
Operation  
Manual



Lot No.



Expiry date



Manufacturer



Date of  
Manufacture



Temperature  
Limitation



European CE  
declaration of  
conformity