

pocH-pack™ L**Identification of the IVD reagent**

pocH-pack™ L

EN

Intended use

For in vitro diagnostic use only
pocH-pack L is a reagent that lyses RBC for accurate WBC count determination, WBC tri-modal size distribution analysis and hemoglobin level measurement. The reagent is colorless transparent and contains no cyanide or azide compound. It is intended for use in conjunction with selected Sysmex pocH-100i Automated Hematology Analyzer.

Principles of the examination method

Blood sample collected in EDTA anticoagulant is diluted with pocH-pack D in a counting container. Then a fixed volume of pocH-pack L solution (1 volume of pocH-pack L to 2 volumes of pocH-pack D) is added automatically to obtain a final dilution of 1:500. The addition of pocH-pack L lyses the RBC and so the remaining cell stroma is at a level undetectable by the instrument. At the same time, the WBC membrane is preserved and WBC are stabilized at a level detectable by the instrument. They are then counted by the DC method. Hemoglobin is released during RBC lysis, and is converted to the red methemoglobin. A portion of this diluted sample is transferred automatically to the hemoglobin detector where the absorbance of the red pigment is measured to give blood hemoglobin level.

Components

Organic quaternary ammonium salt	8.5 g/L
Sodium chloride	0.6 g/L

Warnings and precautions

Avoid contact with skin and eyes. In case of skin contact, flush the area with water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately.
pocH-pack L is intended for only use with blood samples diluted in the Sysmex diluent pocH-pack D. Product performance cannot be guaranteed with use of other diluents.

Examination procedure

1. Use the pocH-pack L at a temperature of 15-30 °C. Measuring at a temperature above 30 °C or below 15 °C may give inaccurate WBC count, WBC tri-modal size distribution analysis and hemoglobin level.
2. Loosen and remove the cap of the bottle of pocH-pack L and connect to the instrument.
3. Refer to the Operator's Manual of the instrument for detailed information.

Storage and shelf life of unopened product**Storage and shelf life after first opening**

Store pocH-pack L at 2-35 °C. Unopened pocH-pack L stored at 2-35 °C has a product life of 12 months after the date of manufacture. The expiration date is indicated on the container label. Once opened, product stability is 90 days at 2-35 °C. pocH-pack L displaying any signs of contamination or instability, as indicated by cloudiness or color change, should be replaced. Please do not use reagent once frozen.

Performance characteristics**Limitations of the examination procedure**

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WBC counts may be falsely elevated due to the influences of abnormal samples including the following:

1. Nucleated RBC, 2. Cold Agglutinin Disease, 3. Platelet Aggregation, 4. Cryoglobulins. Consult the Operator's Manual for indications of these conditions. Confirm the WBC count by reference eye count methods if these conditions are indicated.

Hemoglobin measurements may be falsely elevated due to the influences of abnormal samples including leukocytosis, lipemia, and abnormal proteins in blood plasma. Confirm the hemoglobin measurement by plasma replacement or plasma blank procedures if these conditions are encountered.

Primary sample collection, handling and storage

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Note, that the anticoagulant EDTA-Na2 may not dissolve easily in blood, and thus causing fibrin formation or platelet aggregation in some samples. Thorough mixing is required until all dry anticoagulant is dissolved. See in the instrument Operator's Manual for further information regarding sample requirements.

Disposal procedures

Disposal procedures should meet requirements of applicable local regulations.

Manufacturer

 Sysmex Corporation
1-5-1 Wakinohama-Kaigandori, Chuo-ku, Kobe 651-0073, Japan

Authorized representatives

Americas: Sysmex America, Inc.
577 Aptakisic Road, Lincolnshire, IL 60069, U.S.A.
Asia-Pacific: Sysmex Asia Pacific Pte Ltd.
9 Tampines Grande #06-18, Singapore 528735

Product information

pocH-pack L (PPL-200A) 250 mL x 2 bottles

Date of issue or revision

12/2021

Printed in Japan

pocH-pack™ L**Identification du réactif de DIV**

pocH-pack™ L

pocH-pack™ L**Identificación del reactivo de DIV**

pocH-pack™ L

pocH-pack™ L**Identificação do reagente de DIV**

pocH-pack™ L

PT

REF

Catalogue number
Référence du catalogue
Número de catálogo
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pocH-pack™ L

JA

販売名
pocH-pack™ L

使用目的
pocH-pack Lは、赤血球を溶血し、正確な白血球数の測定、白血球3峰性粒度分布解析およびヘモグロビン濃度を測定する試薬です。また、本試薬は無色透明で、かつシアノ化物やアジ化物を含まない試薬であり、特定のSysmex多項目自動血球計数装置pocH-100に接続して使用する試薬です。

方法論及び方法の原則
EDTA塩で抗凝固処理された血液は、まず、検出器内でpocH-pack Dによって希釈されます。次に一定量(pocH-pack D容)のpocH-pack Lが自動的に添加され、最終的に500倍希釈の状態になります。pocH-pack Lが添加された時点では、赤血球は溶血し、残留する赤血球断片は装置で検出できないレベルまで収縮します。同時に白血球に対しては、細胞膜を保持し、検出可能なレベルで安定化させます。その後、DC検出方式にて白血球数を計数します。また赤血球が溶血した時点ではヘモグロビンは溶出し、赤色のメト化したヘモグロビンに変わります。この血液試料の一部がヘモグロビン検出器に自動的に送られ、この赤色の吸光度を測定することにより、血液中のヘモグロビン濃度を測定します。

組成
第4級アソニウム塩
塩化ナトリウム

8.5 g/L
0.6 g/L

使用上又は取り扱い上の注意
この試薬は皮膚に触れたり、目に入れたり、飲み込んだりしないようにしてください。皮膚に触れた場合は、その部分を水で洗い流してください。また、目にはいった場合は、大量の水で洗い流し、医師の手当を受けてください。万一、飲み込んでしまった場合には直ちに医師の診察を受けてください。
pocH-pack LはpocH-pack Dで希釈した血液試料と共に使用する目的で作られています。したがって他の希釈液を使用した場合は、製品の性能を保証できません。

測定手順

1. pocH-pack Lは、15~30 °Cで使用してください。30 °Cを超えると、15 °Cに満たない温度で測定した場合、正確な白血球数・白血球3峰性粒度分布およびヘモグロビン濃度が得られないことがあります。
2. pocH-pack Lのボトルのキャップを緩めて取り外し、装置に取り付けてください。詳しくは、装置の「取扱説明書」を参照してください。

開封前の貯法及び有効期間

開封後の貯法及び有効期間
pocH-pack Lは、2~35 °Cで保存してください。未開封のpocH-pack Lは、2~35 °Cで保存した場合、有効期間は製造後12ヶ月です。使用期限は、容器のラベルに表示されています。一度開封したpocH-pack Lの性能は、2~35 °Cの環境下で、90日間保証されています。混濁や変色のような、汚染あるいは不安定状態の徵候が現れているpocH-pack Lは交換してください。凍結した試薬は使用しないでください。

性能特性**方法の限界**

コントロール血液(エイトチェック-3WP)を測定すると、白血球数およびヘモグロビン濃度は、通常、表示値の範囲内に入ります。また正常新鮮血における白血球数とヘモグロビン濃度の再現性(CV%)は、全血モードで10回連続測定した場合、通常、それぞれ3.5%以下および1.5%以下の範囲内に入ります。詳しくは、装置の「取扱説明書」を参照してください。

白血球数は、1.有核赤血球、2.寒冷凝集素疾患、3.血小板凝集、4.クリオグロブリンのような妨害物質の影響によって、誤った高い値をとることがあります。このような状態の表示については、装置の「取扱説明書」を参照してください。これらの状態が認められましたら、基準となる目視法によって白血球数を確認してください。ヘモグロビン濃度は、①白血球数100,000/μL以上、②脂肪血症(Lipemia)、③異常タンパク質のような妨害物質の影響によって、誤った高い値をとることがあります。このような状態が認められましたら、Reference Method(国際標準法)で測定して確認してください。

試料の採取、取扱い及び保存

pocH-pack Lは、静脈採血または、皮膚穿刺により微量採血された血液試料を測定する目的で作られています。静脈採血する場合は、EDTA抗凝固剤(EDTA-2K、EDTA-3K、EDTA-2Naのいずれか)を使用してください。微量採血の場合は、抗凝固剤を使用せずに、希釈液中に直接添加し、希釈することができます。また、EDTA抗凝固剤を使用することもできます。抗凝固剤EDTA-2Naは血液に溶解し難く、そのため試料によっては、フィブリン形成や血小板凝集を起こすことがあります。抗凝固剤がすべて溶けるまで、よく攪拌してください(約20回転倒搅拌)。試料への要求事項の詳細については、装置の「取扱説明書」を参照してください。

廃棄物の処理方法

廃棄物の処理方法については、各国の規制に従って処理するようにしてください。

製造販売元

 シスメックス株式会社
神戸市中央区脇浜海岸通1-5-1 〒651-0073

代理人の名称及び住所

米州:
Sysmex America, Inc.
577 Aptakisic Road, Lincolnshire, IL 60069, U.S.A.

アジア太平洋:
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包装単位

pocH-pack L (PPL-200A) 250 mL × 2 本

発行又は改訂の日付

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日本国内で印刷

REF

カタログ番号

IVD

体外診断用の専用製品



製造販売元



添付の文書参照



保存温度



使用期限

LOT

ロット番号