



**A&A BIOTECHNOLOGY**  
innovating life science

## **Manual**

# **RBCL**

Erythrocyte lysis buffer.

<b>catalog #</b>	<b>size</b>
213-100	100 ml
213-250	250 ml
213-1000	1000 ml

For research use only.

### **Guarantee**

A&A Biotechnology provides guarantee on this product.

The company does not guarantee correct performance of this kit in the event of:

- not adhering to the supplied protocol
- use of not recommended equipment or materials
- use of other reagents than recommended or which are not a component of the product
- use of expired or improperly stored product or its components



# Description

RBCL buffer is designed for preferential selective lysis of red blood cells from whole blood. It leaves intact white blood cells for further use. The buffer is used for both DNA and RNA isolation.

We recommend using RBCL buffer for RNA isolation from blood using RNA isolation kits, including: Total RNA Mini, Total RNA Mini Plus, Total RNA Mini Plus Concentrator, Total RNA Midi, Total RNA Maxi, Micro RNA, Micro RNA Concentrator.

RBCL buffer can also be used for DNA isolation from blood, however in this case we recommend using LE red lysis solution.

Store at room temp.

## Application

1. Add 5 volumes of RBCL to 1 volume of whole blood.
2. Gently mix for 1 min.
3. Incubate on ice for 15 min. The solution should change from opaque to transparent ruby red.
4. Centrifuge for 10 min at 3000 x g.
5. Carefully discard the supernatant. In the pellet there are desirable intact leukocytes.



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