

# AdnaTest CTC-Select

AdnaTest CTC-Select is delivered in two boxes. Box 1 of cat. no. 395092 must be stored at 2–8°C. However, store AdnaWash Leukocyte Reducer (Box 2 of cat. no. 395092) at –30 to –15°C. The components must not be used beyond the expiration date.

## Further information

- *AdnaTest LungCancer Handbook*: [www.qiagen.com/HB-2519](http://www.qiagen.com/HB-2519)
- Safety Data Sheets: [www.qiagen.com/safety](http://www.qiagen.com/safety)
- Technical assistance toll-free 00800-22-44-6000 or [support.qiagen.com](mailto:support.qiagen.com)

## Protocol

1. Resuspend CTC-Select Beads thoroughly and transfer 100 µl for each blood sample into a 1.5 ml reaction tube.
2. Wash CTC-Select Beads with 3 x1 ml PBS.
3. Resuspend CTC-Select Beads in 100 µl PBS per blood sample.
4. When using standard EDTA tubes, transfer 5 ml whole blood into a 15 ml Collection Tube (provided).

When using ACD-A blood in a BD Vacutainer® ACD-A Tube, transfer 5 ml of blood into an AdnaTube.

5. Add 100 µl of washed CTC-Select Beads to each blood sample.
6. Incubate for 30 min at room temperature under tilting and rotation at approximately 5 rpm.
7. Place tube for 3 min in the AdnaMag-L to separate the beads.

Release any blood drops captured in the cap by swinging the AdnaMag-L downwards.

8. Remove blood supernatant.
9. Wash beads with 3 x 5 ml AdnaWash Leukocyte Reducer. Separation time using the AdnaMag-L is 3 min per wash step.
10. Resuspend beads in 1 ml AdnaWash Leukocyte Reducer and transfer into a new 1.5 ml reaction tube.
11. Separate beads in the AdnaMag-S for 3 min and remove supernatant.
12. Wash beads with 1 ml PBS.
13. Place the magnet slider into the AdnaMag-S.
14. After 1 min, remove the supernatant completely with a pipette to optimize the following cell lysis.
15. Remove the magnet slider from the AdnaMag-S.
16. Resuspend beads in 200 µl AdnaTest Lysis/Binding Buffer by pipetting at least five times.
17. Place reaction tubes into the AdnaMag-S and transfer supernatant into a new reaction tube (provided).
18. Continue immediately with the AdnaTest CancerDetect workflow or store at -20°C for a maximum of 2 weeks.

## Revision history

Document revision history	
R2 07/2018	Corrected cat. no. for AdnaTest CTC Select to 395092.

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