

CSF TUBES

REF		
213361(V6)	6 tube pack	
213361(V25)	25 tube box	
213361(V100)	100 tube box	

RUO

1. PRODUCT DESCRIPTION

CSF tubes incorporate K2EDTA (5.4 mg) as hematological anticoagulant together with a stabilizing agent.

The CSF is used for stabilization of cerebrospinal fluid samples for transport and processing in the clinical laboratory in the area of routine Immunohaematological by flow cytometry.

The components of the tubes allow the stabilization CSF samples for a period of up to 7 days. The amount of stabilizer added is 200 ul, allowing stabilization to 3 ml samples when stored at 2-8 °C.

The CSF tubes should be used by qualified personnel to avoid potential infections manipulated samples.

2. USE INSTRUCTIONS

The CSF tubes is a solution to preserve the white cerebral spinal fluid whitout reducing of antigen expression.

3. REACTIVES

The tubes contain a specific cell preservative to cerebrospinal fluid.

K2EDTA is a specific anticoagulant for samples requiring cell count and hematology

4. PRECAUTIONS

For In Vitro Diagnostic Use. Avoid contact with skin and mucous membranes. Do not freeze specimens stored in CSF, as breakage could result.

Upon exposure to biological specimens, this product should not be disposed in general waste, but should be disposed with infectious medical waste. Disposal by incineration is recommended.

5. STORAGE

Unopened CSF tubes is stable until date listed on the vial when stored at 18° to 30 C.

Once added the sample is stored at 2-8 °C

6. INDICATIONS OF PRODUCT DETERIORATION

Cloudiness or precipitate visible. If indications of product deterioration occur, contact Immunostep Technical Services or tech@immunostep.com

7. INSTRUCTIONS FOR USE

The purpose of this product is to stabilize human spinal fluid cells up to 7 days for subsequent processing and analysis by flow cytometry.

1. Add appropriate amount of patient sample to CSF tube to 3 ml.

2. Mix sample by inverting vial 3 times.

3. The sample vial should be maintained at 2° to 10°C until use. This applies to storage and transportation.

4. Mix sample vial thoroughly by hand inversion, at least 25 times.

5. Aliquot appropriate volume of sample into tubes for analysis.

6. Incubate with monoclonal antibody according to manufacturer’s directions.

7. Process sample with red blood cell lyse/fix reagents according to manufacturer’s directions.

8. PRECAUTIONS

Do not dilute or add other components to CSF Tubes

Absolute counts must be adjusted for dilution factor.

9. EXPECTED RESULTS

Immunophenotyping performed on peripheral blood samples stored in CSF tubes should provide the same results as when performed on fresh specimens.

10. REFERENCES

Sandra Quijano, Anotnio López, Juan Manuel Sancho, Carlos Panizo, Guillermo Debén, Cristina Castilla, José Antonio García-Vela, Antonio Salar, Natalia Alonso-Vence, Eva González-Barca, Francisco Javier Peñalver, Josefa Plaza-Villa, Marta Morado, José García-Marco, Jesús Arias, Javier Briones, Secundino Ferrer, Javier Capote, Concepción, Concepción Nicolás, and Alberto Orfao.

Identification of Leptomeningeal in Aggressive B-Cell Non-Hodgkin s Lymphoma: Improved Sensitivity of Flow Cytometry. J. Clin Oncol 27:1462-1469. ©2009 by America Society of Clinical Oncology.

11. EXPLANATION OF SYMBOLS



Form

REF

Catalog reference



Contains sufficient for > test



Quantity per test



Regulatory Status

RUO

Research Use Only

[A]

Concentration



Manufacturer

12. MANUFACTURED BY:



Address: Avda. Universidad de Coimbra, s/n
Cancer Research Center (C.I.C)
Campus de Unamuno
37007 Salamanca (Spain)
Telf./fax: (+34) 923 294 827
E-mail: info@immunostep.com
www.immunostep.com