

RESULT FORM

SPIDIA-RNA - Protocol B – EDTA

Please, remind that Result Form have to be completed both in the on-line version and in the paper copy.

Attention: Please, fill out the form completely! You won't be able to change parts, selections or answers after sending.

Please insert the internal number referring to your lab (XXX) |_|_|_|

1. Status of Blood Samples

1.1 How is the status of the received blood samples?

Indicate the condition of the blood samples after arrival

Is the blood coagulated?	<input type="radio"/> Yes	<input type="checkbox"/> No
note	<input type="text"/>	
Is the blood hemolysed?	<input type="radio"/> Yes	<input type="checkbox"/> No
note	<input type="text"/>	

1.2 What is the temperature of the samples at the arrival?

Indicate the temperature of the blood samples at the arrival

Samples temperature		
When you open the package, the samples temperature is:	<input type="checkbox"/> cool	<input type="checkbox"/> RT
note	<input type="text"/>	

2. Storage Time and Temperature of Blood Samples

Indicate the date and time of: blood samples arrival, RNAs extraction and the blood storage temperature between blood samples arrival and RNAs extraction.

	Date and Time Samples arrival		Date and Time of RNAs Extraction		Temperature of blood storage between arrival to RNA extraction (°C)
	(dd/mm/yy)	(hour:min)	(dd/mm/yy)	(hour:min)	
Tube C	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="text"/>
Tube D	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="text"/>
	Notes				
Tube C	<input type="text"/>				
Tube D	<input type="text"/>				

3. Extraction Method

RNA extraction Procedure from Blood samples*	
Producer/Supplier/Hombrew	<input type="text"/>
Catalog Number/Model	<input type="text"/>
<p>NOTES:</p> <p>*If you use a manual Protocol, please upload here a file in WORD and in English reporting the protocol you have used for the RNA extraction from the Blood samples.</p>	

4. Do you use DNase treatment?

Do you use DNase?	<input type="radio"/> Yes	<input type="radio"/> No
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5. Storage Time and Temperature of extracted RNAs

Indicate the date and time of the spectrophotometric measurements and the storage temperature between RNAs extraction and spectrophotometric analysis.

	Date and Time of RNAs Spectrophotometric Analysis		Temperature of RNA storage between extraction to analysis
	(dd/mm/yy)	(hour:min)	(°C)
RNA C	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="text"/>
RNA D	<input type="text"/>	<input type="text"/> : <input type="text"/>	<input type="text"/>
	Notes		
RNA C	<input type="text"/>		
RNA D	<input type="text"/>		

6. Volumes

Indicate the volume of blood used for RNAs extraction, the volume used the elute/resuspend extracted RNAs, the buffer used to elute/resuspend the RNAs

	Blood extraction volume (µl) (Volume of blood used for RNA extraction (µl))	Elution/resuspension volume (µl) (Volume used for RNA elution/resuspension (µl))	Elution Buffer Used (Specify the name of solution used)
RNA C	<input type="text"/>	<input type="text"/>	<input type="text"/>
RNA D	<input type="text"/>	<input type="text"/>	<input type="text"/>

How to fill this table i.e: if you use 200µl of blood to perform the RNA extraction and you elute the RNA in 100µl of TE buffer:

	Blood extraction volume (Volume of blood used for RNA extraction (µl))	Elution/resuspension volume (µl) (Volume used for RNA elution/resuspension (µl))	Elution Buffer Used (Specify the name of solution used)
RNA C	<input type="text" value="200"/>	<input type="text" value="100"/>	<input type="text" value="TE"/>
RNA D	<input type="text" value="200"/>	<input type="text" value="100"/>	<input type="text" value="TE"/>

7. Spectrophotometric Analysis

7.1 Spectrophotometer

	Producer/Supplier/Hombrew	Catalog Number/Model
Spectrophotometer	<input type="text"/>	<input type="text"/>

7.2 Spectrophotometric Data

Please record the spectrophotometric data as follows by entering values with at least 3 decimal places. Insert the absorbance value you have obtained by measuring your RNA sample and in the case you measure a diluted RNA, the dilution factor you perform for analysis.

NOTE: Use "dot" as separator

	A260	A280	A320*	Dilution factor**
RNA C	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
RNA D	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

*NOTE: If your Spectrophotometer is not equipped to read at 320nm put the value NA for A320

**If you don't dilute the sample insert "1" as dilution factor

How to fill this table Example of spectrophotometric results if you evaluate 2 μ l of RNA sample diluted in 100 μ l of buffer:

	A260	A280	A320*	Dilution factor
RNA C	<input type="text" value="1.914"/>	<input type="text" value="0.855"/>	<input type="text" value="0.010"/>	<input type="text" value="50"/>

7.3 Please record RNA quantity (C) and purity (R) in the following table

Please note that in this Table quantity must be reported as concentration ng/μl (C=260nm x 40 x dilution factor or C=(260nm-320nm) x 40 x dilution factor) and purity by evaluating the ratio of absorbance value, R = 260nm/280nm or R=(260nm-320nm)/(280nm-320nm). Please record the data by entering values with at least 3 decimal places.

NOTE: Use "dot" as decimal separator

	RNA quantity (C) (ng/μl)	RNA purity (R)	Notes
RNA C	<input type="text"/>	<input type="text"/>	<input type="text"/>
RNA D	<input type="text"/>	<input type="text"/>	<input type="text"/>

8. Shipping Time and Storage Temperature of RNAs

Record the date and the time you ship the samples to SPIDIA UNFI laboratory and the storage temperature of RNAs before to send them.

	Temperature of RNA storage before shipment (°C)
RNA C	<input type="text"/>
RNA D	<input type="text"/>

Date and Time of pick up delivery service at your lab	(dd/mm/yy)	(hour:min)
	<input type="text"/>	<input type="text"/> : <input type="text"/>

Keep this completed Result Form for your record

Please check your data **carefully** - you will not be able to edit them later