



# News... Cerba

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## Cerba training calendar...

**We would like to remind you of the next CERBA training days:**

### “TRANSPORT OF BIOLOGICAL SAMPLES” THEMATIC DAY

**Ref. JTT01      Transport Day      01 April 2010**

This event will take place in the CERBA Laboratory G. Jotic Amphitheatre in Saint-Ouen L’Aumône (95)

### “SCIENTIFIC” THEMATIC DAY

**Ref. JTS03      Onco-haematology Day      11 May 2010**

This event will take place in the CERBA Laboratory G. Jotic Amphitheatre in Saint-Ouen L’Aumône (95)

### “TRANSPORT OF BIOLOGICAL SAMPLES” THEMATIC DAY

**Ref. JTT02      Transport Day      18 May 2010**

This event will take place in Lille.

Registrations are still possible so we invite you to return your forms to us as soon as possible. All the relevant practical information and details of how to register are available on our website :

**[www.lab-cerba.com](http://www.lab-cerba.com) (page: continuous training)**

## Reminders...Reminders...Reminders...Reminders...Reminders...

### Drug assays .....

In accordance with NABM [the French charge scale for biomedical procedures], requests for drug assays as part of therapeutic drug monitoring must always include, as a minimum:

- the date and time of the blood sampling
- the date and time that the drug was last taken
- dosage information (quantity administered and frequency)

The interpretation of the measured plasma concentration is facilitated for the prescribing doctor if this information is given to him/her at the same time as the results.

## WEB NEWS

## WEB NEWS

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This is especially true for “peak” or “trough” samples done for antibiotics, as well as “residual” or “C2” samples for ciclosporin (the concentration measured exactly two hours after the ciclosporin administration to obtain a good area under the curve (AUC) or “absorption profile” estimate).

It may sometimes be useful to take into consideration the patient’s weight, the reasons for the prescription (investigation of efficacy and/or toxicity), the start date of the treatment and/or any dosage modification as well as associated treatments (particularly when these are strong inducers of metabolic enzymes, such as CYP3A4).

In addition, it is necessary to conform to the nature of the sample, and especially of the anticoagulant used as specified in our laboratory test catalogue, which reflects the requirements and/or the limitations imposed by the suppliers of automated assay kits.

Finally, it is recommended that gel separator tubes not be used, as the presence of the gel may either result in partial absorption of drug molecules or, on the contrary, liberate problematic substances which could interfere with the chromatography methods used for some drugs.

*Didier Olichon - dolichon@lab-cerba.com*

## Urea Breath Test .....

**DO NOT SCREW ON CAPS OF THE TUBES OF COLLECTED EXPIRED AIR BEYOND THE SCREW THREADS.**

If the caps of the four tubes of expired air have been tightened too firmly, the rubber inner seal is affected and can no longer ensure airtightness of the tubes. Consequently, the collected air escapes and the remaining sample can not be used for the analysis. In these conditions, we must refuse the sample.

*Sabine Trombert - strombert@lab-cerba.com*

## Screening for foetal trisomy 21 by maternal serum markers in the 1<sup>st</sup> and 2<sup>nd</sup> trimesters .....

	Ultrasound to be done between	Ultrasound: Data to forward*	Ultrasound physician *	Patient consent *	Information certificate from prescribing doctor *	Twin pregnancy	Sample: Period when performed	Sample
Combined screening 1 <sup>st</sup> trimester	11.0 and 13.6 gestational age	- date of ultrasound - crown-rump length - nuchal translucency	- name + city	yes	yes	no	as soon as possible after the ultrasound or between 11.0 and 13.6 gestational age	-serum only -centrifuged rapidly -decant immediately in a dry tube - store refrigerated
Integrated sequential screening 2 <sup>nd</sup> trimester	Ibid. 1 <sup>er</sup> trimester	Ibid. 1 <sup>er</sup> trimester	Ibid. 1 <sup>er</sup> trimester	yes	yes	no	Between 14.0 and 17.6 gestational age	Ibid.
Biological markers only 2 <sup>nd</sup> trimester	no	no	no	yes	yes	possible	Between 14.0 and 17.6 gestational age	Ibid.

It is compulsory to forward data followed by a \* with the sample. We provide analysis request forms for this purpose. You can download them from our website:

**[www.lab-cerba.com/Analyses information/Sampling requirements/Biology/Down’s Syndrome](http://www.lab-cerba.com/Analyses%20information/Sampling%20requirements/Biology/Down's%20Syndrome)**

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