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Event 2009-3
Results Due Date: 09/28/09
 Fax results to: 608-265-1111

Regulatory Blood Lead (PB) Result Form

Handling/Processing: These are EDTA preserved whole bovine blood samples. They have been frozen prior to shipment. Samples should be stored, prepared, and analyzed using your routine procedures for blood lead analysis.

Record your results on this form. Results should be reported to the whole number. Enter only one numeral per box. The greater than (>) and less than (<) circles should be filled in **ONLY** when a result falls above or below your limit of quantitation, e.g. >65 ug/dL or <1 ug/dL. A number (the quantitation limit) should be entered in the corresponding boxes; failure to do so will result in a failing score for the specimen. Do not use the circles to denote results that have been rounded. LeadCare results displayed as "HI" or "high" should be reported as >65 ug/dL. LeadCare II results displayed as "low" should be reported as <3 ug/dL.

Submit your completed form in a timely manner. Faxing of results is recommended. Do not mail your form if you've already submitted it by fax or e-mail. Print and retain a copy of the successful fax transmission report. If faxing is not an option, your completed form can be mailed to the following addresses: Wisconsin State Laboratory of Hygiene **or** emailed to: toxpt@mail.slh.wisc.edu.
 Toxicology Section
 PO Box 7996
 Madison WI 53707-7996

Questions or comments about this shipment should be directed to Program staff at **(608) 224-6252**.

METHOD CODES

3850	Anodic Stripping Voltammetry (ASV)
3851	Graphite Furnace, Atomic Absorption
3852	Lead Care Analyzer
3853	Lead Care Analyzer II
7411	ICP/MS
9999	Other: _____

RESULTS

Analyte	Method Code	Units	Blood Lead				
			<table border="1" style="width: 100%; height: 20px;"> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> (µg/dL)				
		< >					
	09PB17		<input type="radio"/> <input type="radio"/> <table border="1" style="width: 60px; height: 20px; margin-left: 10px;"> <tr> <td> </td> <td> </td> </tr> </table>				
	09PB18		<input type="radio"/> <input type="radio"/> <table border="1" style="width: 60px; height: 20px; margin-left: 10px;"> <tr> <td> </td> <td> </td> </tr> </table>				
	09PB19		<input type="radio"/> <input type="radio"/> <table border="1" style="width: 60px; height: 20px; margin-left: 10px;"> <tr> <td> </td> <td> </td> </tr> </table>				
	09PB20		<input type="radio"/> <input type="radio"/> <table border="1" style="width: 60px; height: 20px; margin-left: 10px;"> <tr> <td> </td> <td> </td> </tr> </table>				
	09PB21		<input type="radio"/> <input type="radio"/> <table border="1" style="width: 60px; height: 20px; margin-left: 10px;"> <tr> <td> </td> <td> </td> </tr> </table>				

LeadCare and LeadCare II users only: Provide calibrator code information here

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COMMENTS

I attest that the results reported on this form were obtained by analysis of proficiency testing samples with the same frequency and, as closely as possible, in the same routine manner as performed on patient specimens. Furthermore, these results were not obtained through discussion or collaboration with any other laboratory.

Signatures: _____
 Analyst

 Director/Designee



**Event 2009-3
Due 09/28/09**

Regulatory Blood Lead (PB)

Note to participants: We have observed an increased bias between LeadCare mean values and refereed target values that coincided with the change in PT specimen containers from glass tubes to plastic vials in November 2008. An investigation has confirmed the bias to be an artifact of the container switch, and is not attributed to other causes. The discrepancy between LeadCare mean values and refereed target values will not affect LeadCare participants since they are evaluated using the mean of LeadCare instruments, and there has been no change in participant performance associated with the container change. Please contact program staff if you would like more information.




INSTRUCTIONS

1. Inspect samples upon receipt. This package contains a result form and five blood samples (09PB17-21). If any samples are missing or damaged, call (608) 224-6252. Requests for replacement samples must be made by **September 21, 2009**.
2. Samples should be stored, prepared and analyzed using your routine procedures for blood lead analysis.
3. Record your test results. Please confirm that your pre-printed laboratory number (SL number) and laboratory information are correct. Report blood lead values in $\mu\text{g/dL}$ to the whole number; results to tenths of a microgram must be rounded to the nearest whole number. Use the less than (<) and greater than (>) circles only for results that fall outside your limits of quantitation. A number (the quantitation limit) should be entered in the corresponding boxes; failure to do so will result in a failing score for the specimen. Remember to provide the correct method code.

General Tips for Completing Result Forms

- Use a fine tipped black pen. Do not use blue pen or pencil.
- Do not touch or cross any of the box lines.
- Result boxes for tests not performed should be left blank. Do not draw lines across any pages or result boxes; do not mark with x's or n/a's.
- Numbers should be printed using block style. Do not cross any zeros or sevens.
- Method code boxes must be filled in for each analyte tested or procedure used.
- **Report results to the whole number.**
- Print numbers using block style, avoiding contact with edges of boxes, like this:

0	1	2	3	4	5	6	7	8	9
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Shade circles like this:   
Not like this:

4. FAX the completed result form to the WSLH at (608) 265-1111 on or before the due date. **Do not send a cover page with your FAX.** Results must be FAXed to us on or before the due date. Results FAXed after that date will receive a score of zero (0). Be sure to print and retain a copy of your fax transmission report.

The next shipment date for bimonthly blood lead PT samples will be November 9, 2009 and the next regulatory shipment will be January 11, 2010.

Questions? Call (608) 224-6252

