

Modification of Diet in Renal Disease Study
CAP QUALITY CONTROL FORM

This form will be completed at each Clinical Center every four months from samples provided by the Central Lab. The data will be examined, and a report sent back to each Clinical Center. The tests should be done within 48 hours and the form sent promptly. If results are not sent in 96 hours, Central Biochemistry Lab personnel will call to inquire.

- | <u>QUESTION #</u> | <u>INSTRUCTIONS</u> |
|-------------------|---|
| 3a. | The sample number will be provided by the central lab. It is simply a sequential number of the CAP's sent out. |
| b. | If one or more measures are out of range, the central lab will send a second sample for you to repeat these measures. If this is the case, enter 1 = yes. |
| 4.-5. | Run the sample through the local lab two times for Determination 1 and 2. Record the proper values as indicated on the form. |
| 6. | Enter the method being used at the local lab. The complete coding list can be found here and in the Manual of Operations. Included here is the list of test methods/instrumentation. Every 4 months when CAP samples are to be run, this list will be sent to you. Take the list to your local laboratory liason. Have them indicate which method and instrument is currently in use. These are identified by a code letter for the "Method" and a two digit code number for the "instrument". If they indicate "other method" or "test not performed in this lab", use the appropriate letter code with "00" for the number code. This list must be completed every four months to be kept current. Your CAP data cannot be reviewed without this information. |

Biochemistry's List of Test Methods/Instrumentation Codes

CALCIUM - SERUM (MG/DL)

- A. ALIZARIN
 - 01 Baker Centrifichem
 - 02 Baker Encore
 - 03 All Auto Chem Instr
- B. ARSENAZO III DYE
 - 01 Kodak Ektachem
 - 02 All Auto Chem Instr
- C. ATOMIC ABSORPTION
 - 01 All Auto Chem Instr
 - 02 All Atomic Absorp Spec
- D. CHLOROPHOSPHONAZO III
 - 01 All Auto Chem Instr
- E. CRESOLPHIHALEIN COMPLEXONE
 - 01 Abbott ABA 100
 - 02 Abbott ABA 200
 - 03 Abbott Spectrum
 - 04 Abbott VP
 - 05 American Dade Paramax
 - 06 American Mon. Parallel
 - 07 American Mon. KDA
 - 08 Baker Centrifichem
 - 09 Beckman Astra 4 & 8
 - 10 BM Diag. 8700/M
 - 11 Chemetrics II
 - 12 Coulter Dacos
 - 13 Dow
 - 14 Dupont ACA
 - 15 Electronuc Flexigem
 - 16 Electronuc Gemeni
 - 17 Electronuc Gemstar
 - 18 Gilford Impact 400, Etc.
 - 19 Gilford Sys 102, Etc.
 - 20 Gilford Sys 103, 202, 5
 - 21 Hitachi 705 (BMD)
 - 22 Hitachi 737 (BMD)
 - 23 IL Multistat III
 - 24 IL 508/504
 - 25 Kone Instruments
 - 26 Olumpus Demand
 - 27 Roche Cobas
 - 28 Roche Cobas Mira
 - 29 Technicon RA 1000
 - 30 Technicon SMA 12/60
 - 31 Technicon SMAC
 - 32 All Auto Chem Instr
 - 33 All Manual Chem Instr
- F. METHYLTHYMOL BLUE
 - 01 IL Multistat III
 - 02 All Auto Chem Instr
- G. 00 OTHER METHOD, SPECIFY
- H. 00 TEST NOT PERFORMED
IN THIS LAB

CREATININE - SERUM (MG/DL)

- A. ALK PICRATE W/ LLOYDS
 - 01 Electronuc Gemeni
 - 02 All Auto Chem Instr
 - 03 All Chem Instr
- B. ALK PICRATE W/O LLOYDS
 - 01 Electronuc Gemeni
 - 02 Electronuc Gemstar
 - 03 Gilford Impact 400, Etc.
 - 04 Gilford Sys 102, Etc.
 - 05 Gilford Sys 103, 202, 5
 - 06 Manual, In House Reag.
 - 07 Olympus Demand
 - 08 Technicon RA 1000
 - 09 Technicon SMA 12/60
 - 10 Technicon SMAC
 - 11 All Auto Chem Instr
 - 12 All Manual Chem Instr
- C. ENZYMATIC
 - 01 Kodak Ektachem
 - 02 All Auto Chem Instr
- D. KINECTIC ALK. PICRATE
 - 01 Abbott ABA 100
 - 02 Abbott ABA 200
 - 03 Abbott Spectrum
 - 04 Abbott VP
 - 05 American Dade Paramax
 - 06 American Mon. Parallel
 - 07 American Monitor KDA
 - 08 Baker Centrifichem
 - 09 Beckman Astra 4 & 8
 - 10 Beckman Sp Const Analy
 - 11 BM Diag. 8700/M
 - 12 Chemetrics II
 - 13 Coulter Dacos
 - 14 Dupont ACA
 - 15 Electronuc Gemeni
 - 16 Electronuc Gemstar
 - 17 Gilford Impact 400, Etc.
 - 18 Gilford Sys 102, Etc.
 - 19 Gilford Sys 103, 202, 5
 - 20 Hitachi 705 (BMD)
 - 21 Hitachi 737 (BMD)
 - 22 IL Multistat III
 - 23 IL 508/504
 - 24 Kone Instruments
 - 25 Olympus Demand
 - 26 Roche Cobas
 - 27 Roche Cobas MIRA
 - 28 Technicon RA 1000
 - 29 All Auto Chem Instr
- E. 3, 5 DINITRO BENZOIC
 - 01 Ames Seralyzer
- F. 00 OTHER METHOD, SPECIFY
- G. 00 TEST NOT PERFORMED
IN THIS LAB

Biochemistry's List of Test Methods/Instrumentation Codes

MAGNESIUM - SERUM (MG/DL)

- A. ATOMIC ABSORPTION
 - 01 IL AA Spectro
 - 02 Perkin-Elmer
 - 03 All Auto Chem Instr
- B. CALMAGITE
 - 01 Abbott VP
 - 02 American Dade Paramax
 - 03 American Mon. Parallel
 - 04 American Monitor
 - 05 American Monitor KDA
 - 06 Baker Centrifichem
 - 07 Electronuc Flexigem
 - 08 Electronuc Gemeni
 - 09 Gilford Impact 400, Etc.
 - 10 Gilford Sys 102, Etc.
 - 11 Hitachi 705 (BMD)
 - 12 Olympus Demand
 - 13 Pierce
 - 14 Roche Cobas
 - 15 Technicon RA 1000
 - 16 All Auto Chem Instr
 - 17 All Manual Chem Instr
- C. COLORIMETRIC - METHYLTHY
 - 01 Dupont ACA
 - 02 All Auto Chem Instr
- D. MAGNON
 - 01 Gilford Impact 400, Etc.
 - 02 All Auto Chem Instr
- E. 00 OTHER METHOD, SPECIFY
- F. 00 TEST NOT PERFORMED IN THIS LAB

UREA - SERUM (MG/DL)

- A. CONDUCTIVITY RATE
 - 01 Beckman Astra 4 & 8
 - 02 Beckman Sp Const Analy
 - 03 All Auto Chem Instr
- B. DIACETYL MONOXIME
 - 01 Dow
 - 02 Technicon SMA 12/60
 - 03 Technicon SMAC
 - 04 All Auto Chem Instr
 - 05 All Manual Chem Instr
- C. O-PHTHALALDEHYDE
 - 01 American Mon. Parallel
 - 02 American Monitor KDA
 - 03 Ames Seralyzer
 - 04 All Auto Chem Instr
 - 05 All Manual Chem Instr
- D. UREASE HYDROLYSIS
 - 01 Beckman Astra 4 & 8
 - 02 Electronuc Gemeni
 - 03 Olympus Demand
 - 04 All Auto Chem Instr

UREA - SERUM (CONT)

- E. UREASE INDOPHENOL
 - 01 All Auto Chem Instr
 - 02 All Manual Chem Instr
- F. UREASE QUINOLINIUM
 - 01 Kodak DT 60
 - 02 Kodak Ektachem
 - 03 All Auto Chem Instr
- G. UREASE WITH GLDH
 - 01 Abbott ABA 100
 - 02 Abbott ABA 200
 - 03 Abbott Spectrum
 - 04 Abbott VP
 - 05 American Dade Paramax
 - 06 Baker Centrifichem
 - 07 Beckman Astra 4 & 8
 - 08 BM Diag. 8700/M
 - 09 Chemetrics
 - 10 Chemetrics II
 - 11 Coulter Dacos
 - 12 Dupont ACA
 - 13 Electronuc Flexigem
 - 14 Electronuc Gemeni
 - 15 Electronuc Gemstar
 - 16 Gilford Impact 400, Etc.
 - 17 Gilford Sys 102, Etc.
 - 18 Gilford Sys 103, 202, 5
 - 19 Hitachi 705 (BMD)
 - 20 Hitachi 737 (BMD)
 - 21 IL Multistat III
 - 22 IL 508/04
 - 23 Kone Instruments
 - 24 Olympus Demand
 - 25 Roche Cobas
 - 26 Roche Cobas MIRA
 - 27 Technicon RA 1000
 - 28 All Auto Chem Instr
 - 29 All Manual Chem Instr
- H. 00 OTHER METHOD, SPECIFY
- I. 00 TEST NOT PERFORMED IN THIS LAB

Signature of Lab Director

Date

Institution

2.135

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For DCC Use Only
Rev. 2 10/15/88

E ___
V ___
T ___

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**Modification of Diet in Renal Disease Study
CAP QC Form**

This form is to be completed by each Clinical Center every four months for quality control on CAP samples sent from the Central Biochemistry Laboratory.

FORM # 2 1

1. Clinical Center ___

2. Date specimens received from Central Biochemistry Lab ___ / ___ / ___

3. a. Sample Number ___

b. Was this a repeat measurement? (1 = yes, 2 = no) ___

4. Serum Determination 1

Be very careful to make any appropriate unit conversions.

a. Date of analysis ___ / ___ / ___

b. Urea Nitrogen (mg/dl) ___

c. Creatinine (mg/dl) ___

d. Calcium (mg/dl) ___

e. Magnesium (mg/dl) (check units) ___

5. Serum Determination 2

a. Date of analysis ___ / ___ / ___

b. Urea Nitrogen (mg/dl) ___

c. Creatinine (mg/dl) ___

d. Calcium (mg/dl) ___

e. Magnesium (mg/dl) (check units) ___

6. Methods

See Coding List in Manual of Operations.

a. Urea Nitrogen ___

b. Creatinine ___

c. Calcium ___

d. Magnesium ___

**Modification of Diet in Renal Disease Study
CAP QC Form**

- 101. Date this form completed....._ _ / _ _ / _ _
- 102. Certification number of person filling out this form
- 103. Date form entered....._ _ / _ _ / _ _
- 104. Certification number of data entry person

Retain a copy of this form for your files. Send the original to the MDRD Study Data Coordinating Center. Please use MDRD Study mailing labels:

MDRD Study Data Coordinating Center
Department of Biostatistics & Epidemiology
The Cleveland Clinic Foundation
9500 Euclid Avenue
Cleveland, Ohio 44195-5196

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