MAYO CLINIC
Mayo Medical Laboratories

REPORTING TITLE AND REFERENCE VALUES CHANGE
MML JACKSONVILLE
NOTIFICATION DATE: June 1, 2010
EFFECTIVE DATE: June 2, 2010

INSULIN-LIKE GROWTH FACTOR I, SERUM #800235

EXPLANATION: The reference values for patients that are 6 months of age as well as the reporting title is being updated. This change will require file definition changes.

CURRENT REPORTING TITLE: Insulin-Like Growth Factor I, S.

NEW REPORTING TITLE: Insulin-Like Growth Factor 1, S.

CURRENT REFERENCE VALUES: For Patients That Are 6 Months of Age: 48-313 ng/mL.

NEW REFERENCE VALUES: For Patients That Are 6 Months of Age: 57-344 ng/mL.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Greg Renkly, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710

MAYO CLINIC
Mayo Medical Laboratories

TEST DEFINITION

6/1/2010

```
  ORDER      EFF                                                                          Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
   800235    5/19/2010     Insulin-Like Growth Factor 1, S                                       MCF
                    Transport temp : Refrig\Frozen OK\Ambient NO
                    15867    Insulin-Like Growth Factor 1, S
                                Units: ng/mL
                                   NO SEX
                                No age        :                          ; #N15867NA
                                1D to 15D     :                          ; #N15DF
                                16D to 5M     : 48-313                   ; #N6MF
                                6M to 11M     : 57-344                   ; #N11MF
                                12M to 23M    : 55-327                   ; #N23MF
                                24M to 2Y     : 51-303                   ; #N2YF
                                3Y to 3Y      : 49-289                   ; #N3YF
                                4Y to 4Y      : 49-283                   ; #N4YF
                                5Y to 5Y      : 50-286                   ; #N5YF
                                6Y to 6Y      : 52-297                   ; #N6YF
                                7Y to 7Y      :                          ; #N7YN
                                8Y to 8Y      :                          ; #N8YN
                                9Y to 9Y      :                          ; #N9YN
                                10Y to 10Y    :                          ; #N10YN
                                11Y to 11Y    :                          ; #N11YN
                                12Y to 12Y    :                          ; #N12YN
                                13Y to 13Y    :                          ; #N13YN
                                14Y to 14Y    :                          ; #N14YN
                                15Y to 15Y    :                          ; #N15YN
                                16Y to 16Y    :                          ; #N16YN
                                17Y to 17Y    :                          ; #N17YN
                                18Y to 18Y    :                          ; #N18YN
```

```
  ORDER      EFF                                                                          Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
800235
                    15867    Insulin-Like Growth Factor 1, S  (continued)
                                19Y to 19Y    :                          ; #N19YN
                                20Y to 20Y    :                          ; #N20YN
                                21Y to 25Y    : 116-341                  ; 116-341
                                26Y to 30Y    : 117-321                  ; 117-321
```

```
31Y to 35Y    : 113-297                    ; 113-297
36Y to 40Y    : 106-277                    ; 106-277
41Y to 45Y    : 98-261                     ; 98-261
46Y to 50Y    : 91-246                     ; 91-246
51Y to 55Y    : 84-233                     ; 84-233
56Y to 60Y    : 78-220                     ; 78-220
61Y to 65Y    : 72-207                     ; 72-207
66Y to 70Y    : 67-195                     ; 67-195
71Y to 75Y    : 62-184                     ; 62-184
76Y to 80Y    : 57-172                     ; 57-172
81Y to 150Y   : 53-162                     ; 53-162
   MALE
No age        :                            ; #N15867MA
1D to 15D     :                            ; #N15DF
16D to 5M     : 48-313                     ; #N6MF
6M to 11M     : 57-344                     ; #N11MF
12M to 23M    : 55-327                     ; #N23MF
24M to 2Y     : 51-303                     ; #N2YF
3Y to 3Y      : 49-289                     ; #N3YF
4Y to 4Y      : 49-283                     ; #N4YF
5Y to 5Y      : 50-286                     ; #N5YF
6Y to 6Y      : 52-297                     ; #N6YF
7Y to 7Y      : 52-300                     ; #N7YM
8Y to 8Y      : 58-329                     ; #N8YM
9Y to 9Y      : 67-373                     ; #N9YM
10Y to 10Y    : 80-438                     ; #N10YM
11Y to 11Y    : 101-538                    ; #N11YM
12Y to 12Y    : 131-690                    ; #N12YM
13Y to 13Y    : 172-872                    ; #N13YM
14Y to 14Y    : 215-1026                   ; #N14YM
15Y to 15Y    : 236-1060                   ; #N15YM
16Y to 16Y    : 227-964                    ; #N16YM
17Y to 17Y    : 199-795                    ; #N17YM
18Y to 18Y    : 170-640                    ; 170-640
19Y to 19Y    : 147-527                    ; 147-527
20Y to 20Y    : 132-457                    ; 132-457
21Y to 25Y    : 116-341                    ; 116-341
26Y to 30Y    : 117-321                    ; 117-321
31Y to 35Y    : 113-297                    ; 113-297
36Y to 40Y    : 106-277                    ; 106-277
41Y to 45Y    : 98-261                     ; 98-261
46Y to 50Y    : 91-246                     ; 91-246
51Y to 55Y    : 84-233                     ; 84-233
56Y to 60Y    : 78-220                     ; 78-220
61Y to 65Y    : 72-207                     ; 72-207
```

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
800235						

```
   66Y to 70Y    : 67-195                    ; 67-195
   71Y to 75Y    : 62-184                    ; 62-184
   76Y to 80Y    : 57-172                    ; 57-172
   81Y to 150Y   : 53-162                    ; 53-162
      FEMALE
   No age        :                           ; #N15867FA
   1D to 15D     :                           ; #N15DF
   16D to 5M     : 48-313                    ; #N6MF
   6M to 11M     : 57-344                    ; #N11MF
   12M to 23M    : 55-327                    ; #N23MF
   24M to 2Y     : 51-303                    ; #N2YF
   3Y to 3Y      : 49-289                    ; #N3YF
   4Y to 4Y      : 49-283                    ; #N4YF
   5Y to 5Y      : 50-286                    ; #N5YF
   6Y to 6Y      : 52-297                    ; #N6YF
   7Y to 7Y      : 62-316                    ; #N7YF
   8Y to 8Y      : 70-344                    ; #N8YF
   9Y to 9Y      : 81-389                    ; #N9YF
   10Y to 10Y    : 97-453                    ; #N10YF
   11Y to 11Y    : 122-551                   ; #N11YF
   12Y to 12Y    : 155-680                   ; #N12YF
   13Y to 13Y    : 190-805                   ; #N13YF
   14Y to 14Y    : 222-896                   ; #N14YF
   15Y to 15Y    : 238-917                   ; #N15YF
   16Y to 16Y    : 228-839                   ; #N16YF
   17Y to 17Y    : 194-680                   ; #N17YF
   18Y to 18Y    : 162-541                   ; 162-541
   19Y to 19Y    : 138-442                   ; 138-442
   20Y to 20Y    : 122-384                   ; 122-384
   21Y to 25Y    : 116-341                   ; 116-341
   26Y to 30Y    : 117-321                   ; 117-321
   31Y to 35Y    : 113-297                   ; 113-297
   36Y to 40Y    : 106-277                   ; 106-277
   41Y to 45Y    : 98-261                    ; 98-261
   46Y to 50Y    : 91-246                    ; 91-246
   51Y to 55Y    : 84-233                    ; 84-233
   56Y to 60Y    : 78-220                    ; 78-220
   61Y to 65Y    : 72-207                    ; 72-207
   66Y to 70Y    : 67-195                    ; 67-195
   71Y to 75Y    : 62-184                    ; 62-184
   76Y to 80Y    : 57-172                    ; 57-172
   81Y to 150Y   : 53-162                    ; 53-162
- - - - -
```


*Performing Site Legend

*** End of Report ***

MML Messages used as normals

CODE	TEXT
N10YF	97-453 0.1 percentile - 62 ng/mL
N10YM	80-438 0.1 percentile = 49 ng/mL
N10YN	Males: 80-438 0.1 percentile = 49 ng/mL Females: 97-453 0.1 percentile = 62 ng/mL
N11MF	57-344 0.1 percentile = 34 ng/mL
N11YF	122-551 0.1 percentile = 79 ng/mL
N11YM	101-538 0.1 percentile = 62 ng/mL
N11YN	Males: 101-538 0.1 percentile = 62 ng/mL Females: 122-551 0.1 percentile = 79 ng/mL
N12YF	155-680 0.1 percentile = 101 ng/mL
N12YM	131-690

```
             0.1 percentile = 82 ng/mL
--------


MML                                                     Messages used as normals
CODE         TEXT
-----        ------------------
N12YN        Males:
             131-690
             0.1 percentile = 82 ng/mL
             Females:
             155-680
             0.1 percentile = 101 ng/mL
--------
N13YF        190-805
             0.1 percentile = 125 ng/mL
--------
N13YM        172-872
             0.1 percentile = 108 ng/mL
--------
N13YN        Males:
             172-872
             0.1 percentile = 108 ng/mL
             Females:
             190-805
             0.1 percentile = 125 ng/mL
--------
N14YF        222-896
             0.1 percentile = 148 ng/mL
--------
N14YM        215-1026
             0.1 percentile = 137 ng/mL
--------
N14YN        Males:
             215-1026
             0.1 percentile = 137 ng/mL
             Females:
             222-896
             0.1 percentile = 148 ng/mL
--------


MML                                                     Messages used as normals


CODE         TEXT
-----        ------------------
N15867FA     Not established (1-15d)
             0.1 percentile = Not established
             48-313 (16d-5mo)
             0.1 percentile = 39 ng/mL
```

57-344 (6-11mo)
0.1 percentile = 34 ng/mL
55-327 (1y)
0.1 percentile = 33 ng/mL
51-303 (2y)
0.1 percentile = 31 ng/mL
49-289 (3y)
0.1 percentile = 30 ng/mL
49-283 (4y)
0.1 percentile = 29 ng/mL
50-286 (5y)
0.1 percentile = 30 ng/mL
52-297 (6y)
0.1 percentile = 31 ng/mL
62-316 (7y)
0.1 percentile = 39 ng/mL
70-344 (8y)
0.1 percentile = 44 ng/mL
81-389 (9y)
0.1 percentile = 52 ng/mL
97-453 (10y)
0.1 percentile = 62 ng/mL
122-551 (11y)
0.1 percentile = 79 ng/mL
155-680 (12y)
0.1 percentile = 101 ng/mL
190-805 (13y)
0.1 percentile = 125 ng/mL
222-896 (14y)
0.1 percentile = 148 ng/mL
238-917 (15y)
0.1 percentile = 161 ng/mL
228-839 (16y)
0.1 percentile = 157 ng/mL
194-680 (17y)
0.1 percentile = 135 ng/mL
162-541 (18y)
138-442 (19y)
122-384 (20y)
116-341 (25y)
117-321 (30y)
113-297 (35y)
106-277 (40y)
98-261 (45y)
91-246 (50y)
84-233 (55y)
78-220 (60y)
72-207 (65y)
67-195 (70y)
62-184 (75y)
57-172 (80y)

53-162 (150y)

MML Messages used as normals

CODE	TEXT
N15867MA	Not established (1-15d)
	0.1 percentile = Not established
	48-313 (16d-5mo)
	0.1 percentile = 39 ng/mL
	57-344 (6-11mo)
	0.1 percentile = 34 ng/mL
	55-327 (1y)
	0.1 percentile = 33 ng/mL
	51-303 (2y)
	0.1 percentile = 31 ng/mL
	49-289 (3y)
	0.1 percentile = 30 ng/mL
	49-283 (4y)
	0.1 percentile = 29 ng/mL
	50-286 (5y)
	0.1 percentile = 30 ng/mL
	52-297 (6y)
	0.1 percentile = 31 ng/mL
	52-300 (7y)
	0.1 percentile = 31 ng/mL
	58-329 (8y)
	0.1 percentile = 35 ng/mL
	67-373 (9y)
	0.1 percentile = 41 ng/mL
	80-438 (10y)
	0.1 percentile = 49 ng/mL
	101-538 (11y)
	0.1 percentile = 62 ng/mL
	131-690 (12y)
	0.1 percentile = 82 ng/mL
	172-872 (13y)
	0.1 percentile = 108 ng/mL
	215-1026 (14y)
	0.1 percentile = 137 ng/mL
	236-1060 (15y)
	0.1 percentile = 153 ng/mL
	227-964 (16y)
	0.1 percentile = 150 ng/mL
	199-795 (17y)
	0.1 percentile = 133 ng/mL
	170-640 (18y)
	147-527 (19y)

```
             132-457 (20y)
             116-341 (25y)
             117-321 (30y)
             113-297 (35y)
             106-277 (40y)
             98-261 (45y)
             91-246 (50y)
             84-233 (55y)
             78-220 (60y)
             72-207 (65y)
             67-195 (70y)
             62-184 (75y)
             57-172 (80y)
             53-162 (150y)
--------


MML                                                    Messages used as normals
CODE         TEXT
-----        ------------------
N15867NA     Males and Females:
             Not established (1-15d)
             0.1 percentile = Not established
             48-313 (16d-5mo)
             0.1 percentile = 39 ng/mL
             57-344 (6-11mo)
             0.1 percentile = 34 ng/mL
             55-327 (1y)
             0.1 percentile = 33 ng/mL
             51-303 (2y)
             0.1 percentile = 31 ng/mL
             49-289 (3y)
             0.1 percentile = 30 ng/mL
             49-283 (4y)
             0.1 percentile = 29 ng/mL
             50-286 (5y)
             0.1 percentile = 30 ng/mL
             52-297 (6y)
             0.1 percentile = 31 ng/mL
             Males:
             52-300 (7y)
             0.1 percentile = 31 ng/mL
             58-329 (8y)
             0.1 percentile = 35 ng/mL
             67-373 (9y)
             0.1 percentile = 41 ng/mL
             80-438 (10y)
             0.1 percentile = 49 ng/mL
             101-538 (11y)
             0.1 percentile = 62 ng/mL
             131-690 (12y)
```

0.1 percentile = 82 ng/mL
172-872 (13y)
0.1 percentile = 108 ng/mL
215-1026 (14y)
0.1 percentile = 137 ng/mL
236-1060 (15y)
0.1 percentile = 153 ng/mL
227-964 (16y)
0.1 percentile = 150 ng/mL
199-795 (17y)
0.1 percentile = 133 ng/mL
170-640 (18y)
147-527 (19y)
132-457 (20y)
Females:
62-316 (7y)
0.1 percentile = 39 ng/mL
70-344 (8y)
0.1 percentile = 44 ng/mL
81-389 (9y)
0.1 percentile = 52 ng/mL
97-453 (10y)
0.1 percentile = 62 ng/mL
122-551 (11y)
0.1 percentile = 79 ng/mL
155-680 (12y)
0.1 percentile = 101 ng/mL
190-805 (13y)
0.1 percentile = 125 ng/mL
222-896 (14y)
0.1 percentile = 148 ng/mL
238-917 (15y)
0.1 percentile = 161 ng/mL
228-839 (16y)
0.1 percentile = 157 ng/mL
194-680 (17y)
0.1 percentile = 135 ng/mL
162-541 (18y)
138-442 (19y)
122-384 (20y)
Males and Females:
116-341 (25y)
117-321 (30y)
113-297 (35y)
106-277 (40y)
98-261 (45y)
91-246 (50y)
84-233 (55y)
78-220 (60y)
72-207 (65y)
67-195 (70y)

62-184 (75y)
57-172 (80y)
53-162 (150y)

MML Messages used as normals
M

CODE	TEXT
N15DF	Not established
N15YF	238-917 0.1 percentile = 161 ng/mL
N15YM	236-1060 0.1 percentile = 153 ng/mL
N15YN	Males: 236-1060 0.1 percentile = 153 ng/mL Females: 238-917 0.1 percentile = 161 ng/mL
N16YF	228-839 0.1 percentile = 157 ng/mL
N16YM	227-964 0.1 percentile = 150 ng/mL
N16YN	Males: 227-964 0.1 percentile = 150 ng/mL Females: 228-839 0.1 percentile = 157 ng/mL
N17YF	194-680 0.1 percentile = 135 ng/mL
N17YM	199-795 0.1 percentile = 133 ng/mL
N17YN	Males: 199-795 0.1 percentile = 133 ng/mL Females: 194-680 0.1 percentile = 135 ng/mL

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--------
N18YN        Males:
             170-640
             Females:
             162-541
--------
N19YN        Males:
             147-527
             Females:
             138-442
--------


MML                                                    Messages used as normals


CODE         TEXT
-----        ------------------
N20YN        Males:
             132-457
             Females:
             122-384
--------
N23MF        55-327
             0.1 percentile = 33 ng/mL
--------
N2YF         51-303
             0.1 percentile = 31 ng/mL
--------
N3YF         49-289
             0.1 percentile = 30 ng/mL
--------
N4YF         49-283
             0.1 percentile = 29 ng/mL
--------
N5YF         50-286
             0.1 percentile = 30 ng/mL
--------
N6MF         48-313
             0.1 percentile = 39 ng/mL
--------
N6YF         52-297
             0.1 percentile = 31 ng/mL
--------
N7YF         62-316
             0.1 percentile = 39 ng/mL
--------
N7YM         52-300
             0.1 percentile = 31 ng/mL
--------
N7YN         Males:
```

```
             52-300
             0.1 percentile = 31 ng/mL
             Females:
             62-316
             0.1 percentile = 39 ng/mL
--------
N8YF         70-344
             0.1 percentile = 44 ng/mL
--------
N8YM         58-329
             0.1 percentile = 35 ng/mL
--------
N8YN         Males:
             58-329
             0.1 percentile = 35 ng/mL
             Females:
             70-344
             0.1 percentile = 44 ng/mL
--------


MML                                                    Messages used as normals


CODE         TEXT
-----        ------------------
N9YF         81-389
             0.1 percentile = 52 ng/mL
--------
N9YM         67-373
             0.1 percentile = 41 ng/mL
--------
N9YN         Males:
             67-373
             0.1 percentile = 41 ng/mL
             Females:
             81-389
             0.1 percentile = 52 ng/mL
--------


Total of 48 normals codes

    *** End of Report ***
```

MAYO CLINIC
Mayo Medical Laboratories

TEST DEFINITION

6/1/2010

```
  ORDER      EFF                                                                          Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
   800235    5/19/2010     Insulin-Like Growth Factor 1, S                                       MCF
                    Transport temp : Refrig\Frozen OK\Ambient NO
                    15867    Insulin-Like Growth Factor 1, S
                                Units: ng/mL
                                   NO SEX
                                No age        :                          ; #N15867NA
                                1D to 15D     :                          ; #N15DF
                                16D to 5M     : 48-313                   ; #N6MF
                                6M to 11M     : 57-344                   ; #N11MF
                                12M to 23M    : 55-327                   ; #N23MF
                                24M to 2Y     : 51-303                   ; #N2YF
                                3Y to 3Y      : 49-289                   ; #N3YF
                                4Y to 4Y      : 49-283                   ; #N4YF
                                5Y to 5Y      : 50-286                   ; #N5YF
                                6Y to 6Y      : 52-297                   ; #N6YF
                                7Y to 7Y      :                          ; #N7YN
                                8Y to 8Y      :                          ; #N8YN
                                9Y to 9Y      :                          ; #N9YN
                                10Y to 10Y    :                          ; #N10YN
                                11Y to 11Y    :                          ; #N11YN
                                12Y to 12Y    :                          ; #N12YN
                                13Y to 13Y    :                          ; #N13YN
                                14Y to 14Y    :                          ; #N14YN
                                15Y to 15Y    :                          ; #N15YN
                                16Y to 16Y    :                          ; #N16YN
                                17Y to 17Y    :                          ; #N17YN
                                18Y to 18Y    :                          ; #N18YN
```

```
  ORDER      EFF                                                                          Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
800235
                    15867    Insulin-Like Growth Factor 1, S  (continued)
                                19Y to 19Y    :                          ; #N19YN
                                20Y to 20Y    :                          ; #N20YN
                                21Y to 25Y    : 116-341                  ; 116-341
                                26Y to 30Y    : 117-321                  ; 117-321
```

```
31Y to 35Y    : 113-297                    ; 113-297
36Y to 40Y    : 106-277                    ; 106-277
41Y to 45Y    : 98-261                     ; 98-261
46Y to 50Y    : 91-246                     ; 91-246
51Y to 55Y    : 84-233                     ; 84-233
56Y to 60Y    : 78-220                     ; 78-220
61Y to 65Y    : 72-207                     ; 72-207
66Y to 70Y    : 67-195                     ; 67-195
71Y to 75Y    : 62-184                     ; 62-184
76Y to 80Y    : 57-172                     ; 57-172
81Y to 150Y   : 53-162                     ; 53-162
   MALE
No age        :                            ; #N15867MA
1D to 15D     :                            ; #N15DF
16D to 5M     : 48-313                     ; #N6MF
6M to 11M     : 57-344                     ; #N11MF
12M to 23M    : 55-327                     ; #N23MF
24M to 2Y     : 51-303                     ; #N2YF
3Y to 3Y      : 49-289                     ; #N3YF
4Y to 4Y      : 49-283                     ; #N4YF
5Y to 5Y      : 50-286                     ; #N5YF
6Y to 6Y      : 52-297                     ; #N6YF
7Y to 7Y      : 52-300                     ; #N7YM
8Y to 8Y      : 58-329                     ; #N8YM
9Y to 9Y      : 67-373                     ; #N9YM
10Y to 10Y    : 80-438                     ; #N10YM
11Y to 11Y    : 101-538                    ; #N11YM
12Y to 12Y    : 131-690                    ; #N12YM
13Y to 13Y    : 172-872                    ; #N13YM
14Y to 14Y    : 215-1026                   ; #N14YM
15Y to 15Y    : 236-1060                   ; #N15YM
16Y to 16Y    : 227-964                    ; #N16YM
17Y to 17Y    : 199-795                    ; #N17YM
18Y to 18Y    : 170-640                    ; 170-640
19Y to 19Y    : 147-527                    ; 147-527
20Y to 20Y    : 132-457                    ; 132-457
21Y to 25Y    : 116-341                    ; 116-341
26Y to 30Y    : 117-321                    ; 117-321
31Y to 35Y    : 113-297                    ; 113-297
36Y to 40Y    : 106-277                    ; 106-277
41Y to 45Y    : 98-261                     ; 98-261
46Y to 50Y    : 91-246                     ; 91-246
51Y to 55Y    : 84-233                     ; 84-233
56Y to 60Y    : 78-220                     ; 78-220
61Y to 65Y    : 72-207                     ; 72-207
```

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
800235						

```
   66Y to 70Y    : 67-195                    ; 67-195
   71Y to 75Y    : 62-184                    ; 62-184
   76Y to 80Y    : 57-172                    ; 57-172
   81Y to 150Y   : 53-162                    ; 53-162
      FEMALE
   No age        :                           ; #N15867FA
   1D to 15D     :                           ; #N15DF
   16D to 5M     : 48-313                    ; #N6MF
   6M to 11M     : 57-344                    ; #N11MF
   12M to 23M    : 55-327                    ; #N23MF
   24M to 2Y     : 51-303                    ; #N2YF
   3Y to 3Y      : 49-289                    ; #N3YF
   4Y to 4Y      : 49-283                    ; #N4YF
   5Y to 5Y      : 50-286                    ; #N5YF
   6Y to 6Y      : 52-297                    ; #N6YF
   7Y to 7Y      : 62-316                    ; #N7YF
   8Y to 8Y      : 70-344                    ; #N8YF
   9Y to 9Y      : 81-389                    ; #N9YF
   10Y to 10Y    : 97-453                    ; #N10YF
   11Y to 11Y    : 122-551                   ; #N11YF
   12Y to 12Y    : 155-680                   ; #N12YF
   13Y to 13Y    : 190-805                   ; #N13YF
   14Y to 14Y    : 222-896                   ; #N14YF
   15Y to 15Y    : 238-917                   ; #N15YF
   16Y to 16Y    : 228-839                   ; #N16YF
   17Y to 17Y    : 194-680                   ; #N17YF
   18Y to 18Y    : 162-541                   ; 162-541
   19Y to 19Y    : 138-442                   ; 138-442
   20Y to 20Y    : 122-384                   ; 122-384
   21Y to 25Y    : 116-341                   ; 116-341
   26Y to 30Y    : 117-321                   ; 117-321
   31Y to 35Y    : 113-297                   ; 113-297
   36Y to 40Y    : 106-277                   ; 106-277
   41Y to 45Y    : 98-261                    ; 98-261
   46Y to 50Y    : 91-246                    ; 91-246
   51Y to 55Y    : 84-233                    ; 84-233
   56Y to 60Y    : 78-220                    ; 78-220
   61Y to 65Y    : 72-207                    ; 72-207
   66Y to 70Y    : 67-195                    ; 67-195
   71Y to 75Y    : 62-184                    ; 62-184
   76Y to 80Y    : 57-172                    ; 57-172
   81Y to 150Y   : 53-162                    ; 53-162
- - - - -
```


*Performing Site Legend

*** End of Report ***

MML Messages used as normals

CODE	TEXT
N10YF	97-453 0.1 percentile - 62 ng/mL
N10YM	80-438 0.1 percentile = 49 ng/mL
N10YN	Males: 80-438 0.1 percentile = 49 ng/mL Females: 97-453 0.1 percentile = 62 ng/mL
N11MF	57-344 0.1 percentile = 34 ng/mL
N11YF	122-551 0.1 percentile = 79 ng/mL
N11YM	101-538 0.1 percentile = 62 ng/mL
N11YN	Males: 101-538 0.1 percentile = 62 ng/mL Females: 122-551 0.1 percentile = 79 ng/mL
N12YF	155-680 0.1 percentile = 101 ng/mL
N12YM	131-690

```
             0.1 percentile = 82 ng/mL
--------


MML                                                     Messages used as normals
CODE         TEXT
-----        ------------------
N12YN        Males:
             131-690
             0.1 percentile = 82 ng/mL
             Females:
             155-680
             0.1 percentile = 101 ng/mL
--------
N13YF        190-805
             0.1 percentile = 125 ng/mL
--------
N13YM        172-872
             0.1 percentile = 108 ng/mL
--------
N13YN        Males:
             172-872
             0.1 percentile = 108 ng/mL
             Females:
             190-805
             0.1 percentile = 125 ng/mL
--------
N14YF        222-896
             0.1 percentile = 148 ng/mL
--------
N14YM        215-1026
             0.1 percentile = 137 ng/mL
--------
N14YN        Males:
             215-1026
             0.1 percentile = 137 ng/mL
             Females:
             222-896
             0.1 percentile = 148 ng/mL
--------


MML                                                     Messages used as normals


CODE         TEXT
-----        ------------------
N15867FA     Not established (1-15d)
             0.1 percentile = Not established
             48-313 (16d-5mo)
             0.1 percentile = 39 ng/mL
```

57-344 (6-11mo)
0.1 percentile = 34 ng/mL
55-327 (1y)
0.1 percentile = 33 ng/mL
51-303 (2y)
0.1 percentile = 31 ng/mL
49-289 (3y)
0.1 percentile = 30 ng/mL
49-283 (4y)
0.1 percentile = 29 ng/mL
50-286 (5y)
0.1 percentile = 30 ng/mL
52-297 (6y)
0.1 percentile = 31 ng/mL
62-316 (7y)
0.1 percentile = 39 ng/mL
70-344 (8y)
0.1 percentile = 44 ng/mL
81-389 (9y)
0.1 percentile = 52 ng/mL
97-453 (10y)
0.1 percentile = 62 ng/mL
122-551 (11y)
0.1 percentile = 79 ng/mL
155-680 (12y)
0.1 percentile = 101 ng/mL
190-805 (13y)
0.1 percentile = 125 ng/mL
222-896 (14y)
0.1 percentile = 148 ng/mL
238-917 (15y)
0.1 percentile = 161 ng/mL
228-839 (16y)
0.1 percentile = 157 ng/mL
194-680 (17y)
0.1 percentile = 135 ng/mL
162-541 (18y)
138-442 (19y)
122-384 (20y)
116-341 (25y)
117-321 (30y)
113-297 (35y)
106-277 (40y)
98-261 (45y)
91-246 (50y)
84-233 (55y)
78-220 (60y)
72-207 (65y)
67-195 (70y)
62-184 (75y)
57-172 (80y)

53-162 (150y)

MML Messages used as normals

CODE	TEXT
N15867MA	Not established (1-15d)
	0.1 percentile = Not established
	48-313 (16d-5mo)
	0.1 percentile = 39 ng/mL
	57-344 (6-11mo)
	0.1 percentile = 34 ng/mL
	55-327 (1y)
	0.1 percentile = 33 ng/mL
	51-303 (2y)
	0.1 percentile = 31 ng/mL
	49-289 (3y)
	0.1 percentile = 30 ng/mL
	49-283 (4y)
	0.1 percentile = 29 ng/mL
	50-286 (5y)
	0.1 percentile = 30 ng/mL
	52-297 (6y)
	0.1 percentile = 31 ng/mL
	52-300 (7y)
	0.1 percentile = 31 ng/mL
	58-329 (8y)
	0.1 percentile = 35 ng/mL
	67-373 (9y)
	0.1 percentile = 41 ng/mL
	80-438 (10y)
	0.1 percentile = 49 ng/mL
	101-538 (11y)
	0.1 percentile = 62 ng/mL
	131-690 (12y)
	0.1 percentile = 82 ng/mL
	172-872 (13y)
	0.1 percentile = 108 ng/mL
	215-1026 (14y)
	0.1 percentile = 137 ng/mL
	236-1060 (15y)
	0.1 percentile = 153 ng/mL
	227-964 (16y)
	0.1 percentile = 150 ng/mL
	199-795 (17y)
	0.1 percentile = 133 ng/mL
	170-640 (18y)
	147-527 (19y)

```
             132-457 (20y)
             116-341 (25y)
             117-321 (30y)
             113-297 (35y)
             106-277 (40y)
             98-261 (45y)
             91-246 (50y)
             84-233 (55y)
             78-220 (60y)
             72-207 (65y)
             67-195 (70y)
             62-184 (75y)
             57-172 (80y)
             53-162 (150y)
--------


MML                                                    Messages used as normals
CODE         TEXT
-----        ------------------
N15867NA     Males and Females:
             Not established (1-15d)
             0.1 percentile = Not established
             48-313 (16d-5mo)
             0.1 percentile = 39 ng/mL
             57-344 (6-11mo)
             0.1 percentile = 34 ng/mL
             55-327 (1y)
             0.1 percentile = 33 ng/mL
             51-303 (2y)
             0.1 percentile = 31 ng/mL
             49-289 (3y)
             0.1 percentile = 30 ng/mL
             49-283 (4y)
             0.1 percentile = 29 ng/mL
             50-286 (5y)
             0.1 percentile = 30 ng/mL
             52-297 (6y)
             0.1 percentile = 31 ng/mL
             Males:
             52-300 (7y)
             0.1 percentile = 31 ng/mL
             58-329 (8y)
             0.1 percentile = 35 ng/mL
             67-373 (9y)
             0.1 percentile = 41 ng/mL
             80-438 (10y)
             0.1 percentile = 49 ng/mL
             101-538 (11y)
             0.1 percentile = 62 ng/mL
             131-690 (12y)
```

0.1 percentile = 82 ng/mL
172-872 (13y)
0.1 percentile = 108 ng/mL
215-1026 (14y)
0.1 percentile = 137 ng/mL
236-1060 (15y)
0.1 percentile = 153 ng/mL
227-964 (16y)
0.1 percentile = 150 ng/mL
199-795 (17y)
0.1 percentile = 133 ng/mL
170-640 (18y)
147-527 (19y)
132-457 (20y)
Females:
62-316 (7y)
0.1 percentile = 39 ng/mL
70-344 (8y)
0.1 percentile = 44 ng/mL
81-389 (9y)
0.1 percentile = 52 ng/mL
97-453 (10y)
0.1 percentile = 62 ng/mL
122-551 (11y)
0.1 percentile = 79 ng/mL
155-680 (12y)
0.1 percentile = 101 ng/mL
190-805 (13y)
0.1 percentile = 125 ng/mL
222-896 (14y)
0.1 percentile = 148 ng/mL
238-917 (15y)
0.1 percentile = 161 ng/mL
228-839 (16y)
0.1 percentile = 157 ng/mL
194-680 (17y)
0.1 percentile = 135 ng/mL
162-541 (18y)
138-442 (19y)
122-384 (20y)
Males and Females:
116-341 (25y)
117-321 (30y)
113-297 (35y)
106-277 (40y)
98-261 (45y)
91-246 (50y)
84-233 (55y)
78-220 (60y)
72-207 (65y)
67-195 (70y)

62-184 (75y)
57-172 (80y)
53-162 (150y)

MML Messages used as normals
M

CODE	TEXT
N15DF	Not established
N15YF	238-917 0.1 percentile = 161 ng/mL
N15YM	236-1060 0.1 percentile = 153 ng/mL
N15YN	Males: 236-1060 0.1 percentile = 153 ng/mL Females: 238-917 0.1 percentile = 161 ng/mL
N16YF	228-839 0.1 percentile = 157 ng/mL
N16YM	227-964 0.1 percentile = 150 ng/mL
N16YN	Males: 227-964 0.1 percentile = 150 ng/mL Females: 228-839 0.1 percentile = 157 ng/mL
N17YF	194-680 0.1 percentile = 135 ng/mL
N17YM	199-795 0.1 percentile = 133 ng/mL
N17YN	Males: 199-795 0.1 percentile = 133 ng/mL Females: 194-680 0.1 percentile = 135 ng/mL

```
--------
N18YN        Males:
             170-640
             Females:
             162-541
--------
N19YN        Males:
             147-527
             Females:
             138-442
--------


MML                                                    Messages used as normals


CODE         TEXT
-----        ------------------
N20YN        Males:
             132-457
             Females:
             122-384
--------
N23MF        55-327
             0.1 percentile = 33 ng/mL
--------
N2YF         51-303
             0.1 percentile = 31 ng/mL
--------
N3YF         49-289
             0.1 percentile = 30 ng/mL
--------
N4YF         49-283
             0.1 percentile = 29 ng/mL
--------
N5YF         50-286
             0.1 percentile = 30 ng/mL
--------
N6MF         48-313
             0.1 percentile = 39 ng/mL
--------
N6YF         52-297
             0.1 percentile = 31 ng/mL
--------
N7YF         62-316
             0.1 percentile = 39 ng/mL
--------
N7YM         52-300
             0.1 percentile = 31 ng/mL
--------
N7YN         Males:
```

```
             52-300
             0.1 percentile = 31 ng/mL
             Females:
             62-316
             0.1 percentile = 39 ng/mL
--------
N8YF         70-344
             0.1 percentile = 44 ng/mL
--------
N8YM         58-329
             0.1 percentile = 35 ng/mL
--------
N8YN         Males:
             58-329
             0.1 percentile = 35 ng/mL
             Females:
             70-344
             0.1 percentile = 44 ng/mL
--------


MML                                                    Messages used as normals


CODE         TEXT
-----        ------------------
N9YF         81-389
             0.1 percentile = 52 ng/mL
--------
N9YM         67-373
             0.1 percentile = 41 ng/mL
--------
N9YN         Males:
             67-373
             0.1 percentile = 41 ng/mL
             Females:
             81-389
             0.1 percentile = 52 ng/mL
--------


Total of 48 normals codes

    *** End of Report ***
```

MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, JESS	L3MRNG9150859	6M	F	G9150859

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
05/27/10 03:48 P	05/27/10 03:48 P	06/01/10 02:55 P	DATE OF BIRTH:

Test Client
Attn: Mayo Liaisons
200 First Street SW
Rochester, MN 55905
507-284-8202

TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Insulin-Like Growth Factor 1, S				
Insulin-Like Growth Factor 1, S	**250**	**ng/mL**		**MCF**

```
-- EXPECTED VALUES --
57-344
0.1 percentile = 34 ng/mL
```

*** PERFORMING SITE**

MCF	Mayo Clinic Jacksonville Clinical Lab 4500 San Pablo Rd Jacksonville, Florida 32224	Lab Director: Arthur D. Jones, Jr. M.D.

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, JESS	Final	05/27/10 03:48 P

Specimen receipt and report times are in CST/CDT

REPRINT