MAYO CLINIC
Mayo Medical Laboratories

TEST DEFINITION

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1/19/2011
Code   Name
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60588  T-Cell with Mitogen Panel

  **** End of Name to order code Report ****



MML                                  MML Test setup information

  ORDER      EFF                                                                                  Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              ----------------------   -------
60588(profile)            T-Cell with Mitogen Panel
   9336      9/30/2010     T- and B-Cell QN by Flow Cytometry                                    MCR
                    Transport temp : Ambient <72 hours\Refrig <72 hours OK\Frozen NO
                    9336     T- & B-Cell QN by Flow Cytometry
                           -  -  -  -  -
                    3321     CD45 Lymph Count, Flow
                                Units: thou/mcL
                                   NO SEX
                                No age        :                          ; #NN3321
                                1D to 17Y     : 0.66-4.60                ; 0.66-4.60
                                18Y to 55Y    : 0.99-3.15                ; 0.99-3.15
                                56Y to 150Y   : 1.00-3.33                ; 1.00-3.33
                                   MALE
                                No age        :                          ; #NN3321
                                1D to 17Y     : 0.66-4.60                ; 0.66-4.60
                                18Y to 55Y    : 0.99-3.15                ; 0.99-3.15
                                56Y to 150Y   : 1.00-3.33                ; 1.00-3.33
                                   FEMALE
                                No age        :                          ; #NN3321
                                1D to 17Y     : 0.66-4.60                ; 0.66-4.60
                                18Y to 55Y    : 0.99-3.15                ; 0.99-3.15
                                56Y to 150Y   : 1.00-3.33                ; 1.00-3.33
                           -  -  -  -  -
                    3316     % CD3 (T Cells)
                                Units: %
                                   NO SEX
                                No age        :                          ; #N3316
                    (continued next page)
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  ORDER      EFF                                                                    Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
60588  (continued)
                    3316     % CD3 (T Cells)  (continued)
                                1D to 2M      : 53-84                    ; 53-84
                                3M to 5M      : 51-77                    ; 51-77
                                6M to 11M     : 49-76                    ; 49-76
                                12M to 23M    : 53-75                    ; 53-75
                                24M to 5Y     : 56-75                    ; 56-75
                                6Y to 11Y     : 60-76                    ; 60-76
                                12Y to 17Y    : 56-84                    ; 56-84
                                18Y to 55Y    : 59-83                    ; 59-83
                                56Y to 150Y   : 49-87                    ; 49-87
                                   MALE
                                No age        :                          ; #N3316
                                1D to 2M      : 53-84                    ; 53-84
                                3M to 5M      : 51-77                    ; 51-77
                                6M to 11M     : 49-76                    ; 49-76
                                12M to 23M    : 53-75                    ; 53-75
                                24M to 5Y     : 56-75                    ; 56-75
                                6Y to 11Y     : 60-76                    ; 60-76
                                12Y to 17Y    : 56-84                    ; 56-84
                                18Y to 55Y    : 59-83                    ; 59-83
                                56Y to 150Y   : 49-87                    ; 49-87
                                   FEMALE
                                No age        :                          ; #N3316
                                1D to 2M      : 53-84                    ; 53-84
                                3M to 5M      : 51-77                    ; 51-77
                                6M to 11M     : 49-76                    ; 49-76
                                12M to 23M    : 53-75                    ; 53-75
                                24M to 5Y     : 56-75                    ; 56-75
                                6Y to 11Y     : 60-76                    ; 60-76
                                12Y to 17Y    : 56-84                    ; 56-84
                                18Y to 55Y    : 59-83                    ; 59-83
                                56Y to 150Y   : 49-87                    ; 49-87
                         -  -  -  -  -
                    3318     % CD19 (B Cells)
                                Units: %
                                   NO SEX
                                No age        :                          ; #N3318
                                1D to 2M      : 6-32                     ; 6-32
                                3M to 5M      : 11-41                    ; 11-41
                                6M to 11M     : 14-37                    ; 14-37
                                12M to 23M    : 16-35                    ; 16-35
                                24M to 5Y     : 14-33                    ; 14-33
                                6Y to 11Y     : 13-27                    ; 13-27
                                12Y to 17Y    : 6-23                     ; 6-23
                                18Y to 55Y    : 6-22                     ; 6-22
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                              56Y to 150Y   : 3-20                      ; 3-20
                                 MALE
                              No age        :                           ; #N3318
                              1D to 2M      : 6-32                      ; 6-32
                              3M to 5M      : 11-41                     ; 11-41
                    (continued next page)

MML                                 MML Test setup information

  ORDER      EFF                                                                          Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
60588  (continued)
                    3318     % CD19 (B Cells)  (continued)
                              6M to 11M     : 14-37                     ; 14-37
                              12M to 23M    : 16-35                     ; 16-35
                              24M to 5Y     : 14-33                     ; 14-33
                              6Y to 11Y     : 13-27                     ; 13-27
                              12Y to 17Y    : 6-23                      ; 6-23
                              18Y to 55Y    : 6-22                      ; 6-22
                              56Y to 150Y   : 3-20                      ; 3-20
                                 FEMALE
                              No age        :                           ; #N3318
                              1D to 2M      : 6-32                      ; 6-32
                              3M to 5M      : 11-41                     ; 11-41
                              6M to 11M     : 14-37                     ; 14-37
                              12M to 23M    : 16-35                     ; 16-35
                              24M to 5Y     : 14-33                     ; 14-33
                              6Y to 11Y     : 13-27                     ; 13-27
                              12Y to 17Y    : 6-23                      ; 6-23
                              18Y to 55Y    : 6-22                      ; 6-22
                              56Y to 150Y   : 3-20                      ; 3-20
                         -  -  -  -  -
                    4054     % CD16+CD56 (NK cells)
                              Units: %
                                 NO SEX
                              No age        :                           ; #N4054
                              1D to 2M      : 4-18                      ; 4-18
                              3M to 5M      : 3-14                      ; 3-14
                              6M to 23M     : 3-15                      ; 3-15
                              24M to 11Y    : 4-17                      ; 4-17
                              12Y to 17Y    : 3-22                      ; 3-22
                              18Y to 55Y    : 6-27                      ; 6-27
                              56Y to 150Y   : 6-35                      ; 6-35
                                 MALE
                              No age        :                           ; #N4054
                              1D to 2M      : 4-18                      ; 4-18
                              3M to 5M      : 3-14                      ; 3-14
                              6M to 23M     : 3-15                      ; 3-15
                              24M to 11Y    : 4-17                      ; 4-17
                              12Y to 17Y    : 3-22                      ; 3-22
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                                 18Y to 55Y    : 6-27                      ; 6-27
                                 56Y to 150Y   : 6-35                      ; 6-35
                                    FEMALE
                                 No age        :                           ; #N4054
                                 1D to 2M      : 4-18                      ; 4-18
                                 3M to 5M      : 3-14                      ; 3-14
                                 6M to 23M     : 3-15                      ; 3-15
                                 24M to 11Y    : 4-17                      ; 4-17
                                 12Y to 17Y    : 3-22                      ; 3-22
                                 18Y to 55Y    : 6-27                      ; 6-27
                                 56Y to 150Y   : 6-35                      ; 6-35
                           -  -  -  -  -
                      (continued next page)
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  ORDER      EFF                                                                          Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
60588  (continued)
                      3319     % CD4 (Helper Cells)
                                 Units: %
                                    NO SEX
                                 No age        :                           ; #N3319
                                 1D to 2M      : 35-64                     ; 35-64
                                 3M to 5M      : 35-56                     ; 35-56
                                 6M to 11M     : 31-56                     ; 31-56
                                 12M to 23M    : 32-51                     ; 32-51
                                 24M to 5Y     : 28-47                     ; 28-47
                                 6Y to 11Y     : 31-47                     ; 31-47
                                 12Y to 17Y    : 31-52                     ; 31-52
                                 18Y to 55Y    : 31-59                     ; 31-59
                                 56Y to 150Y   : 32-67                     ; 32-67
                                    MALE
                                 No age        :                           ; #N3319
                                 1D to 2M      : 35-64                     ; 35-64
                                 3M to 5M      : 35-56                     ; 35-56
                                 6M to 11M     : 31-56                     ; 31-56
                                 12M to 23M    : 32-51                     ; 32-51
                                 24M to 5Y     : 28-47                     ; 28-47
                                 6Y to 11Y     : 31-47                     ; 31-47
                                 12Y to 17Y    : 31-52                     ; 31-52
                                 18Y to 55Y    : 31-59                     ; 31-59
                                 56Y to 150Y   : 32-67                     ; 32-67
                                    FEMALE
                                 No age        :                           ; #N3319
                                 1D to 2M      : 35-64                     ; 35-64
                                 3M to 5M      : 35-56                     ; 35-56
                                 6M to 11M     : 31-56                     ; 31-56
                                 12M to 23M    : 32-51                     ; 32-51
                                 24M to 5Y     : 28-47                     ; 28-47
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                    6Y to 11Y     : 31-47                    ; 31-47
                    12Y to 17Y    : 31-52                    ; 31-52
                    18Y to 55Y    : 31-59                    ; 31-59
                    56Y to 150Y   : 32-67                    ; 32-67
                 -  -  -  -  -
          3320     % CD8 (Supp'r Cells)
                    Units: %
                       NO SEX
                    No age        :                          ; #N3320
                    1D to 2M      : 12-28                    ; 12-28
                    3M to 5M      : 12-23                    ; 12-23
                    6M to 11M     : 12-24                    ; 12-24
                    12M to 23M    : 14-30                    ; 14-30
                    24M to 5Y     : 16-30                    ; 16-30
                    6Y to 17Y     : 18-35                    ; 18-35
                    18Y to 55Y    : 12-38                    ; 12-38
                    56Y to 150Y   : 8-40                     ; 8-40
                       MALE
                    No age        :                          ; #N3320
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  ORDER      EFF                                                                    Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
60588  (continued)
          3320     % CD8 (Supp'r Cells)  (continued)
                    1D to 2M      : 12-28                    ; 12-28
                    3M to 5M      : 12-23                    ; 12-23
                    6M to 11M     : 12-24                    ; 12-24
                    12M to 23M    : 14-30                    ; 14-30
                    24M to 5Y     : 16-30                    ; 16-30
                    6Y to 17Y     : 18-35                    ; 18-35
                    18Y to 55Y    : 12-38                    ; 12-38
                    56Y to 150Y   : 8-40                     ; 8-40
                       FEMALE
                    No age        :                          ; #N3320
                    1D to 2M      : 12-28                    ; 12-28
                    3M to 5M      : 12-23                    ; 12-23
                    6M to 11M     : 12-24                    ; 12-24
                    12M to 23M    : 14-30                    ; 14-30
                    24M to 5Y     : 16-30                    ; 16-30
                    6Y to 17Y     : 18-35                    ; 18-35
                    18Y to 55Y    : 12-38                    ; 12-38
                    56Y to 150Y   : 8-40                     ; 8-40
                 -  -  -  -  -
          3322     CD3 (T Cells)
                    Units: cells/mcL
                       NO SEX
                    No age        :                          ; #N3322
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                              1D to 2M      : 2500-5500                ; 2500-5500
                              3M to 5M      : 2500-5600                ; 2500-5600
                              6M to 11M     : 1900-5900                ; 1900-5900
                              12M to 23M    : 2100-6200                ; 2100-6200
                              24M to 5Y     : 1400-3700                ; 1400-3700
                              6Y to 11Y     : 1200-2600                ; 1200-2600
                              12Y to 17Y    : 1000-2200                ; 1000-2200
                              18Y to 55Y    : 677-2383                 ; 677-2383
                              56Y to 150Y   : 617-2254                 ; 617-2254
                                 MALE
                              No age        :                          ; #N3322
                              1D to 2M      : 2500-5500                ; 2500-5500
                              3M to 5M      : 2500-5600                ; 2500-5600
                              6M to 11M     : 1900-5900                ; 1900-5900
                              12M to 23M    : 2100-6200                ; 2100-6200
                              24M to 5Y     : 1400-3700                ; 1400-3700
                              6Y to 11Y     : 1200-2600                ; 1200-2600
                              12Y to 17Y    : 1000-2200                ; 1000-2200
                              18Y to 55Y    : 677-2383                 ; 677-2383
                              56Y to 150Y   : 617-2254                 ; 617-2254
                                 FEMALE
                              No age        :                          ; #N3322
                              1D to 2M      : 2500-5500                ; 2500-5500
                              3M to 5M      : 2500-5600                ; 2500-5600
                              6M to 11M     : 1900-5900                ; 1900-5900
                              12M to 23M    : 2100-6200                ; 2100-6200
                    (continued next page)

MML                                   MML Test setup information

  ORDER      EFF                                                                          Perform
  CODE       DATE   TC     TITLE          Checking Normals             Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------             ----------------------   -------
60588  (continued)
                    3322     CD3 (T Cells)  (continued)
                              24M to 5Y     : 1400-3700                ; 1400-3700
                              6Y to 11Y     : 1200-2600                ; 1200-2600
                              12Y to 17Y    : 1000-2200                ; 1000-2200
                              18Y to 55Y    : 677-2383                 ; 677-2383
                              56Y to 150Y   : 617-2254                 ; 617-2254
                          -  -  -  -  -
                    3324     CD19 (B Cells)
                              Units: cells/mcL
                                 NO SEX
                              No age        :                          ; #N3324
                              1D to 2M      : 300-2000                 ; 300-2000
                              3M to 5M      : 430-3000                 ; 430-3000
                              6M to 11M     : 610-2600                 ; 610-2600
                              12M to 23M    : 720-2600                 ; 720-2600
                              24M to 5Y     : 390-1400                 ; 390-1400
                              6Y to 11Y     : 270-860                  ; 270-860
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                        12Y to 17Y    : 110-570                  ; 110-570
                        18Y to 55Y    : 99-527                   ; 99-527
                        56Y to 150Y   : 31-409                   ; 31-409
                           MALE
                        No age        :                          ; #N3324
                        1D to 2M      : 300-2000                 ; 300-2000
                        3M to 5M      : 430-3000                 ; 430-3000
                        6M to 11M     : 610-2600                 ; 610-2600
                        12M to 23M    : 720-2600                 ; 720-2600
                        24M to 5Y     : 390-1400                 ; 390-1400
                        6Y to 11Y     : 270-860                  ; 270-860
                        12Y to 17Y    : 110-570                  ; 110-570
                        18Y to 55Y    : 99-527                   ; 99-527
                        56Y to 150Y   : 31-409                   ; 31-409
                           FEMALE
                        No age        :                          ; #N3324
                        1D to 2M      : 300-2000                 ; 300-2000
                        3M to 5M      : 430-3000                 ; 430-3000
                        6M to 11M     : 610-2600                 ; 610-2600
                        12M to 23M    : 720-2600                 ; 720-2600
                        24M to 5Y     : 390-1400                 ; 390-1400
                        6Y to 11Y     : 270-860                  ; 270-860
                        12Y to 17Y    : 110-570                  ; 110-570
                        18Y to 55Y    : 99-527                   ; 99-527
                        56Y to 150Y   : 31-409                   ; 31-409
                     -  -  -  -  -
                4055     CD16+CD56 (NK cells)
                        Units: cells/mcL
                           NO SEX
                        No age        :                          ; #N4055
                        1D to 2M      : 170-1100                 ; 170-1100
                        3M to 5M      : 170-830                  ; 170-830
                        6M to 11M     : 160-950                  ; 160-950
                (continued next page)

MML                                MML Test setup information

  ORDER      EFF                                                                    Perform
  CODE       DATE   TC     TITLE          Checking Normals             Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------             ----------------------   -------
60588  (continued)
                4055     CD16+CD56 (NK cells)  (continued)
                        12M to 23M    : 180-920                  ; 180-920
                        24M to 5Y     : 130-720                  ; 130-720
                        6Y to 11Y     : 100-480                  ; 100-480
                        12Y to 17Y    : 70-480                   ; 70-480
                        18Y to 55Y    : 101-678                  ; 101-678
                        56Y to 150Y   : 110-657                  ; 110-657
                           MALE
                        No age        :                          ; #N4055
                        1D to 2M      : 170-1100                 ; 170-1100
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                    3M to 5M      : 170-830                  ; 170-830
                    6M to 11M     : 160-950                  ; 160-950
                    12M to 23M    : 180-920                  ; 180-920
                    24M to 5Y     : 130-720                  ; 130-720
                    6Y to 11Y     : 100-480                  ; 100-480
                    12Y to 17Y    : 70-480                   ; 70-480
                    18Y to 55Y    : 101-678                  ; 101-678
                    56Y to 150Y   : 110-657                  ; 110-657
                       FEMALE
                    No age        :                          ; #N4055
                    1D to 2M      : 170-1100                 ; 170-1100
                    3M to 5M      : 170-830                  ; 170-830
                    6M to 11M     : 160-950                  ; 160-950
                    12M to 23M    : 180-920                  ; 180-920
                    24M to 5Y     : 130-720                  ; 130-720
                    6Y to 11Y     : 100-480                  ; 100-480
                    12Y to 17Y    : 70-480                   ; 70-480
                    18Y to 55Y    : 101-678                  ; 101-678
                    56Y to 150Y   : 110-657                  ; 110-657
                 -  -  -  -  -
            3325     CD4 (Helper Cells)
                    Units: cells/mcL
                       NO SEX
                    No age        :                          ; #N3325
                    1D to 2M      : 1600-4000                ; 1600-4000
                    3M to 5M      : 1800-4000                ; 1800-4000
                    6M to 11M     : 1400-4300                ; 1400-4300
                    12M to 23M    : 1300-3400                ; 1300-3400
                    24M to 5Y     : 700-2200                 ; 700-2200
                    6Y to 11Y     : 650-1500                 ; 650-1500
                    12Y to 17Y    : 530-1300                 ; 530-1300
                    18Y to 55Y    : 424-1509                 ; 424-1509
                    56Y to 150Y   : 430-1513                 ; 430-1513
                       MALE
                    No age        :                          ; #N3325
                    1D to 2M      : 1600-4000                ; 1600-4000
                    3M to 5M      : 1800-4000                ; 1800-4000
                    6M to 11M     : 1400-4300                ; 1400-4300
                    12M to 23M    : 1300-3400                ; 1300-3400
                    24M to 5Y     : 700-2200                 ; 700-2200
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  ORDER      EFF                                                                    Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
60588  (continued)
            3325     CD4 (Helper Cells)  (continued)
                    6Y to 11Y     : 650-1500                 ; 650-1500
                    12Y to 17Y    : 530-1300                 ; 530-1300
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            18Y to 55Y    : 424-1509                  ; 424-1509
            56Y to 150Y   : 430-1513                  ; 430-1513
               FEMALE
            No age        :                           ; #N3325
            1D to 2M      : 1600-4000                 ; 1600-4000
            3M to 5M      : 1800-4000                 ; 1800-4000
            6M to 11M     : 1400-4300                 ; 1400-4300
            12M to 23M    : 1300-3400                 ; 1300-3400
            24M to 5Y     : 700-2200                  ; 700-2200
            6Y to 11Y     : 650-1500                  ; 650-1500
            12Y to 17Y    : 530-1300                  ; 530-1300
            18Y to 55Y    : 424-1509                  ; 424-1509
            56Y to 150Y   : 430-1513                  ; 430-1513
      -  -  -  -  -
3326     CD8 (Supp'r Cells)
            Units: cells/mcL
               NO SEX
            No age        :                           ; #N3326
            1D to 2M      : 560-1700                  ; 560-1700
            3M to 5M      : 590-1600                  ; 590-1600
            6M to 11M     : 500-1700                  ; 500-1700
            12M to 23M    : 620-2000                  ; 620-2000
            24M to 5Y     : 490-1300                  ; 490-1300
            6Y to 11Y     : 370-1100                  ; 370-1100
            12Y to 17Y    : 330-920                   ; 330-920
            18Y to 55Y    : 169-955                   ; 169-955
            56Y to 150Y   : 101-839                   ; 101-839
               MALE
            No age        :                           ; #N3326
            1D to 2M      : 560-1700                  ; 560-1700
            3M to 5M      : 590-1600                  ; 590-1600
            6M to 11M     : 500-1700                  ; 500-1700
            12M to 23M    : 620-2000                  ; 620-2000
            24M to 5Y     : 490-1300                  ; 490-1300
            6Y to 11Y     : 370-1100                  ; 370-1100
            12Y to 17Y    : 330-920                   ; 330-920
            18Y to 55Y    : 169-955                   ; 169-955
            56Y to 150Y   : 101-839                   ; 101-839
               FEMALE
            No age        :                           ; #N3326
            1D to 2M      : 560-1700                  ; 560-1700
            3M to 5M      : 590-1600                  ; 590-1600
            6M to 11M     : 500-1700                  ; 500-1700
            12M to 23M    : 620-2000                  ; 620-2000
            24M to 5Y     : 490-1300                  ; 490-1300
            6Y to 11Y     : 370-1100                  ; 370-1100
            12Y to 17Y    : 330-920                   ; 330-920
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(continued next page)

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  ORDER      EFF                                                                    Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
60588  (continued)
                    3326     CD8 (Supp'r Cells)  (continued)
                                18Y to 55Y    : 169-955                 ; 169-955
                                56Y to 150Y   : 101-839                 ; 101-839
                          -  -  -  -  -
                    3327     H/S Ratio
                                   NO SEX
                                All Ages : 1.0-                         ; >=1.0
                                   MALE
                                All Ages : 1.0-                         ; >=1.0
                                   FEMALE
                                All Ages : 1.0-                         ; >=1.0
                          -  -  -  -  -
                    6657     Comment
                          -  -  -  -  -
   60591     10/27/2010    Lymphocyte Proliferation, Mitogens                                   MCR
                    Transport temp : Ambient <48 hours\Refrig NO\Frozen NO
                    32317    Interpretation
                             TEST CODE ALWAYS MESSAGE - [ZASR]
                             ZASR     Analyte Specific Reagent
                                      This test was developed and its performance characteristics
                                      determined by Laboratory Medicine and Pathology, Mayo
                                      Clinic. This test has not been cleared or
                                      approved by the U.S. Food and Drug Administration.
                          -  -  -  -  -
                    32318    Viab of Lymphs at Day 0
                                Units: %
                                   NO SEX
                                All Ages : 75.0-                        ; >=75.0
                                   MALE
                                All Ages : 75.0-                        ; >=75.0
                                   FEMALE
                                All Ages : 75.0-                        ; >=75.0
                          -  -  -  -  -
                    32321    Max Prolif of PWM as % CD45
                                Units: %
                                   NO SEX
                                All Ages : 4.5-                         ; >=4.5
                                   MALE
                                All Ages : 4.5-                         ; >=4.5
                                   FEMALE
                                All Ages : 4.5-                         ; >=4.5
                          -  -  -  -  -
                    32322    Max Prolif of PWM as % CD3
                                Units: %
                                   NO SEX
                                All Ages : 3.5-                         ; >=3.5
                                   MALE
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                              All Ages : 3.5-                          ; >=3.5
                                 FEMALE
                              All Ages : 3.5-                          ; >=3.5
                          -  -  -  -  -
                   (continued next page)

MML                                  MML Test setup information

  ORDER      EFF                                                                                  Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              ----------------------   -------
60588  (continued)
                   32323    Max Prolif of PWM as % CD19
                              Units: %
                                 NO SEX
                              All Ages : 3.9-                          ; >=3.9
                                 MALE
                              All Ages : 3.9-                          ; >=3.9
                                 FEMALE
                              All Ages : 3.9-                          ; >=3.9
                          -  -  -  -  -
                   32319    Max Prolif of PHA as % CD45
                              Units: %
                                 NO SEX
                              All Ages : 49.9-                         ; >=49.9
                                 MALE
                              All Ages : 49.9-                         ; >=49.9
                                 FEMALE
                              All Ages : 49.9-                         ; >=49.9
                          -  -  -  -  -
                   32320    Max Prolif of PHA as % CD3
                              Units: %
                                 NO SEX
                              All Ages : 58.5-                         ; >=58.5
                                 MALE
                              All Ages : 58.5-                         ; >=58.5
                                 FEMALE
                              All Ages : 58.5-                         ; >=58.5
                          -  -  -  -  -
                   32324    Mitogen Comment
                          -  -  -  -  -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

*Performing Site Legend
==========================================================================================================
==
MCR     Mayo Clinic Dpt of Lab Med & Pathology              LAB DIRECTOR:   Franklin R. Cockerill, III, M.D.
        200 First Street SW
        Rochester, MN  55905
==========================================================================================================
==
```

*** End of Report ***

MML Messages used as normals

CODE	TEXT
N3316	53-84 (0-2 mo)
	51-77 (3-5 mo)
	49-76 (6-11 mo)
	53-75 (12-23 mo)
	56-75 (2-5 y)
	60-76 (6-11 y)
	56-84 (12-17 y)
	59-83 (18-55 y)
	49-87 (>55 y)
N3318	6-32 (0-2 mo)
	11-41 (3-5 mo)
	14-37 (6-11 mo)
	16-35 (12-23 mo)
	14-33 (2-5 y)
	13-27 (6-11 y)
	6-23 (12-17 y)
	6-22 (18-55 y)
	3-20 (>55 y)
N3319	35-64 (0-2 mo)
	35-56 (3-5 mo)
	31-56 (6-11 mo)
	32-51 (12-23 mo)
	28-47 (2-5 y)
	31-47 (6-11 y)
	31-52 (12-17 y)
	31-59 (18-55 y)
	32-67 (>55 y)
N3320	12-28 (0-2 mo)
	12-23 (3-5 mo)
	12-24 (6-11 mo)
	14-30 (12-23 mo)
	16-30 (2-5 y)
	18-35 (6-17 y)
	12-38 (18-55 y)
	8-40 (>55 y)
N3322	2500-5500 (0-2 mo)
	2500-5600 (3-5 mo)

	1900-5900 (6-11 mo)
	2100-6200 (12-23 mo)
	1400-3700 (2-5 y)
	1200-2600 (6-11 y)
	1000-2200 (12-17 y)
	677-2383 (18-55 y)
	617-2254 (>55 y)

CODE	TEXT
N3324	300-2000 (0-2 mo)
	430-3000 (3-5 mo)
	610-2600 (6-11 mo)
	720-2600 (12-23 mo)
	390-1400 (2-5 y)
	270-860 (6-11 y)
	110-570 (12-17 y)
	99-527 (18-55 y)
	31-409 (>55 y)
N3325	1600-4000 (0-2 mo)
	1800-4000 (3-5 mo)
	1400-4300 (6-11 mo)
	1300-3400 (12-23 mo)
	700-2200 (2-5 y)
	650-1500 (6-11 y)
	530-1300 (12-17 y)
	424-1509 (18-55 y)
	430-1513 (>55 y)
N3326	560-1700 (0-2 mo)
	590-1600 (3-5 mo)
	500-1700 (6-11 mo)
	620-2000 (12-23 mo)
	490-1300 (2-5 y)
	370-1100 (6-11 y)
	330-920 (12-17 y)
	169-955 (18-55 y)
	101-839 (>55 y)
N4054	4-18 (0-2 mo)
	3-14 (3-5 mo)
	3-15 (6-23 mo)
	4-17 (2-11 y)
	3-22 (12-17 y)
	6-27 (18-55 y)
	6-35 (>55 y)
N4055	170-1100 (0-2 mo)
	170-830 (3-5 mo)

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            160-950 (6-11 mo)
            180-920 (12-23 mo)
            130-720 (2-5 y)
            100-480 (6-11 y)
            70-480 (12-17 y)
            101-678 (18-55 y)
            110-657 (>55 y)
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NN3321      0.66-4.60 (0-17 y)
            0.99-3.15 (18-55 y)
            1.00-3.33 (>55 y)
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Total of 11 normals codes

    *** End of Report ***
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