

Component	Your Value	Standard Range	Flag
COMPLEMENT ACTIVITY ENZYME IMMUNOASSAY, TOTAL	60 U/mL	31 - 60 U/mL	
C3 COMPLEMENT	111 mg/dL	90 - 180 mg/dL	
C4 COMPLEMENT	22 mg/dL	10 - 40 mg/dL	
COLOR, UA	Yellow		
(Note)			
Reference Range: dark yellow, pale yellow, straw, yellow			
APPEARANCE	Cloudy	Clear	A
GLUCOSE, TIMED URINE	Negative	Negative	
BILIRUBIN URINE	Negative	Negative	
KETONES UA	Negative	Negative	
SPECIFIC GRAVITY, URINE	1.010		
Reference Range: 1.001-1.035			
PH URINE	6.0	5.0 - 8.0	
PROTEIN, URINE	Negative	Negative	
NITRITE	Negative	Negative	
BLOOD UA	Trace	Negative	A
LEUKOCYTES ESTERASE	1+	Negative	A
SQUAMOUS EPITHELIAL	10-20 /[HPF]	0 - 5 /[HPF]	A
WBC, URINE	0-5 /[HPF]	0 - 5 /[HPF]	
RBC, URINE	0-2 /[HPF]	0 - 2 /[HPF]	
BACTERIA	NONE SEEN /[HPF]	NONE SEEN /[HPF]	
HYALINE CASTS	1-5 /[LPF]	NONE SEEN /[LPF]	A
NOTE	SEE BELOW		
This urine was analyzed for the presence of WBC, RBC, bacteria, casts, and other formed elements. Only those elements seen were reported.			
HLA-B27 ANTIGEN	Negative	Negative	
ANA SCREEN	Negative	Negative	

Component	Your Value	Standard Range	Flag
SED RATE		3 mm/h	0 - 20 mm/h
C-REACTIVE PROTEIN		<0.3 mg/dL	0.0 - 0.4 mg/dL
RHEUMATOID FACTOR		<10 IU/mL	0 - 13 IU/mL
CYCLIC CITRULLIN PEPTIDE AB		Negative	Negative
CYCLIC CITRULL. PEPTIDE QUANT		<0.5 U/mL	0.0 - 2.9 U/mL
TSH	0.925 uIU/mL	0.590 - 4.780 uIU/mL	
FREE T4	1.32 ng/dL	0.93 - 1.70 ng/dL	
Biotin, present in some multivitamins and dietary supplements, may interfere with this test, causing falsely high or low results.			
FREE T3	3.15 pg/mL	2.00 - 4.40 pg/mL	
ANTI-THYROID-PEROXIDASE AB	11.70 IU/mL	0.00 - 34.00 IU/mL	
Biotin, present in some multivitamins and dietary supplements, may interfere with this test, causing falsely high or low results.			
THYROGLOBULIN AB	15 IU/mL	0 - 115 IU/mL	
Biotin, present in some multivitamins and dietary supplements, may interfere with this test, causing falsely high or low results.			
COLOR, UA	Yellow		
(Note)			
Reference Range: dark yellow, pale yellow, straw, yellow			
APPEARANCE	Clear	Clear	
GLUCOSE, TIMED URINE	Negative	Negative	
BILIRUBIN URINE	Negative	Negative	
KETONES UA	Negative	Negative	
SPECIFIC GRAVITY, URINE	1.016		
Reference Range: 1.001-1.035			
PH URINE	6.5	5.0 - 8.0	
PROTEIN, URINE	Negative	Negative	
NITRITE	Negative	Negative	
BLOOD UA	Negative	Negative	

Component	Your Value	Standard Range	Flag
LEUKOCYTES ESTERASE	<b>Negative</b>	<i>Negative</i>	
SQUAMOUS EPITHELIAL	<b>0-5</b> /[HPF]	<i>0 - 5</i> /[HPF]	
WBC, URINE	<b>0-5</b> /[HPF]	<i>0 - 5</i> /[HPF]	
RBC, URINE	<b>0-2</b> /[HPF]	<i>0 - 2</i> /[HPF]	
BACTERIA	<b>NONE SEEN</b> /[HPF]	<i>NONE SEEN</i> /[HPF]	
HYALINE CASTS	<b>NONE SEEN</b> /[LPF]	<i>NONE SEEN</i> /[LPF]	
NOTE	<b>SEE BELOW</b>		
<p>This urine was analyzed for the presence of WBC, RBC, bacteria, casts, and other formed elements.</p> <p>Only those elements seen were reported.</p>			
VITAMIN D, 25 (HYDROXY)	<b>14.80</b> ng/mL	<i>30.00 - 80.00</i> ng/mL	<b>L</b>
VITAMIN B12	<b>1,456</b> pg/mL	<i>232 - 1,245</i> pg/mL	<b>H</b>
FERRITIN	<b>22.8</b> ng/mL	<i>9.0 - 150.0</i> ng/mL	
<p>Biotin, present in some multivitamins and dietary supplements, may interfere with this test, causing falsely high or low results.</p>			
IRON	<b>44</b> ug/dL	<i>37 - 145</i> ug/dL	
PERCENT SATURATION	<b>13</b> %	<i>15 - 50</i> %	<b>L</b>
IRON BINDING CAPACITY TOTAL	<b>342</b> ug/dL	<i>250 - 450</i> ug/dL	
UIBC	<b>298.00</b> ug/dL	<i>112.00 - 347.00</i> ug/dL	
WBC	<b>4.3 10*3/uL</b>	<i>3.8 - 11.8 10*3/uL</i>	
RBC	<b>4.3 10*6/uL</b>	<i>4.0 - 5.3 10*6/uL</i>	
HEMOGLOBIN	<b>12.9</b> g/dL	<i>11.5 - 15.5</i> g/dL	
HEMATOCRIT	<b>39.3</b> %	<i>35.0 - 45.0</i> %	
MCV	<b>91.7</b> fL	<i>80.0 - 100.0</i> fL	
MCH	<b>30.2</b> pg	<i>27.0 - 34.0</i> pg	
MCHC	<b>32.9</b> g/dL	<i>32.0 - 35.5</i> g/dL	
RDW	<b>13.1</b> %	<i>11.0 - 15.0</i> %	
PLATELET COUNT	<b>243 10*3/uL</b>	<i>130 - 400 10*3/uL</i>	
NEUTROS PCT	<b>61.2</b> %	<i>40.0 - 74.0</i> %	

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LYMPH %	27.5 %	19.0 - 48.0 %	
MONO %	9.1 %	4.0 - 13.0 %	
EOS PCT	1.5 %	0.0 - 7.0 %	
BASOS PCT	0.7 %	0.0 - 2.0 %	
NEUTROS ABS	2.6 10 <sup>3</sup> /uL	1.9 - 8.2 10 <sup>3</sup> /uL	
LYMPHS ABS	1.2 10 <sup>3</sup> /uL	1.1 - 3.1 10 <sup>3</sup> /uL	
MONOS ABS	0.4 10 <sup>3</sup> /uL	0.2 - 0.9 10 <sup>3</sup> /uL	
ABSOLUTE EOSINOPHIL COUNT	0.1 10 <sup>3</sup> /uL	0.0 - 0.5 10 <sup>3</sup> /uL	
BASOS ABS	0.0 10 <sup>3</sup> /uL	0.0 - 0.1 10 <sup>3</sup> /uL	
GLUCOSE	112 mg/dL	70 - 99 mg/dL	H
<p>A normal fasting glucose concentration is less than 100 mg/dL.</p> <p>An impaired fasting glucose concentration is 100-125 mg/dL.</p> <p>A provisional diagnosis of diabetes mellitus can be made when a fasting glucose concentration is greater than 125 mg/dL.</p>			
BUN	11 mg/dL	6 - 20 mg/dL	
CREATININE	0.64 mg/dL	0.53 - 1.04 mg/dL	
ESTIMATED GLOMERULAR FILTRATION RATE	116 mL/min/1.73m <sup>2</sup>	≥60 mL/min/1.73m <sup>2</sup>	
BUN / CREAT RATIO	17	7 - 25	
SODIUM	139 meq/L	136 - 145 meq/L	
POTASSIUM	4.6 meq/L	3.5 - 5.3 meq/L	
CHLORIDE	106 meq/L	98 - 107 meq/L	
CARBON DIOXIDE	25 meq/L	23 - 31 meq/L	
CALCIUM	9.4 mg/dL	8.7 - 10.4 mg/dL	
PROTEIN, TOTAL	6.6 g/dL	6.1 - 7.9 g/dL	
ALBUMIN	4.4 g/dL	3.9 - 5.2 g/dL	
GLOBULIN, CALCULATED	2.2 g/dL	1.7 - 3.3 g/dL	
A/G RATIO	2.0	1.3 - 2.8	
BILIRUBIN, TOTAL	<0.2 mg/dL	<1.2 mg/dL	
ALKALINE PHOSPHATASE	60 U/L	40 - 135 U/L	

Component	Your Value	Standard Range	Flag
SGOT (AST)	22 U/L	0 - 32 U/L	
SGPT (ALT)	19 U/L	0 - 33 U/L	
TOTAL ESTROGENS	278.3 pg/mL	pg/mL	
(Note) Reference Ranges for Total Estrogen: Follicular Phase (1-12 days): 90-590 pg/mL Luteal Phase: 130-460 pg/mL Postmenopausal: 50-170 pg/mL			
PROGESTERONE	5.57 ng/mL	ng/mL	
PROGESTERONE Male: <0.050-0.149 ng/mL  Female: Cycle phase Follicular: <0.050-0.193 ng/mL Ovulation: 0.055-4.140 ng/mL Luteal: 4.11-14.50 ng/mL Cycle sub phase- Early follicular: <0.050-0.323 ng/mL Intermediate Follicular: <0.050-0.220 ng/mL Late Follicular: <0.050-0.216 ng/mL Ovulation: <0.050-2.35 ng/mL Early Luteal: 2.36-15.10 ng/mL Intermediate Luteal: 4.76-20.90 ng/mL Late luteal: 0.537-13.500 ng/mL Postmenopausal females: <0.050-0.126 ng/mL  Pregnant females: First trimester: 11.00-44.30 ng/mL Second trimester: 25.40-83.40 ng/mL Third trimester: 58.70-214.00 ng/mL Biotin, present in some multivitamins and dietary supplements, may interfere with this test, causing falsely high or low results.			
TESTOSTERONE FREE	4 pg/mL	0.1 - 6.4 pg/mL	
(Note) This test was developed and its analytical performance characteristics have been determined by medfusion. It has not been			

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cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.			
<b>ULTRASENSITIVE TESTOSTERONE, FEMALES AND CHILDREN</b>	<b>53</b> ng/dL	2 - 45 ng/dL	<b>H</b>
<p>For additional information, please refer to <a href="https://education.questdiagnostics.com/faq/FAQ165">https://education.questdiagnostics.com/faq/FAQ165</a>  (This link is being provided for informational/educational purposes only.)  (Note)  This test was developed and its analytical performance characteristics have been determined by medfusion. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.</p>			
<b>DOUBLE STRAND DNA ANTIBODY (DS DNA) ANTIBODY</b>	<b>&lt;1</b> IU/mL	<b>&lt;=4</b> IU/mL	
<p>INTERPRETIVE INFORMATION: ds DNA Multiplex Flow AutoAB  Negative: &lt;= 4 IU/mL  Indeterminate: 5-9 IU/mL  Positive: &gt;= 10 IU/mL</p> <p>Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.</p>			
<b>CENTROMERE AUTO AB</b>	<b>Negative</b>	<i>Negative</i>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>CENTROMERE AUTOAB QUANT</b>	<b>&lt;0.2</b> AI	<b>&lt;1.0</b> AI	
<p>AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.</p> <p>Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.</p>			
<b>CHROMATIN</b>	<b>Negative</b>	<i>Negative</i>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>CHROMATIN AUTOAB QUANT</b>	<b>&lt;0.2</b> AI	<b>&lt;1.0</b> AI	
<p>AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.</p> <p>Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.</p>			
<b>JO-1 AB IGG</b>	<b>Negative</b>	<i>Negative</i>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			

Component	Your Value	Standard Range	Flag
<b>JO-1 AB IGG QUANT</b>	<b>&lt;0.2 AI</b>	<b>&lt;1.0 AI</b>	
AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.			
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>RIBOSOMAL P AUTOAB</b>	<b>Negative</b>	<b>Negative</b>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>RIBOSOMAL P AUTOAB QUANT</b>	<b>&lt;0.2 AI</b>	<b>&lt;1.0 AI</b>	
AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.			
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>RNP EXTRACTABLE NUCLEAR AB</b>	<b>Negative</b>	<b>Negative</b>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>RNP EXTRACTABLE NUCLEAR AB QUANT</b>	<b>&lt;0.2 AI</b>	<b>&lt;1.0 AI</b>	
AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.			
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SCL-70 IGG AUTOAB</b>	<b>Negative</b>	<b>Negative</b>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SCL-70 IGG AUTOAB QUANT</b>	<b>&lt;0.2 AI</b>	<b>&lt;1.0 AI</b>	
AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.			
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SMITH AUTOANTIBODY</b>	<b>Negative</b>	<b>Negative</b>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SMITH AUTOAB QUANT</b>	<b>&lt;0.2 AI</b>	<b>&lt;1.0 AI</b>	
AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.			
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SM RNP AUTOANTIBODY</b>	<b>Negative</b>	<b>Negative</b>	

Component	Your Value	Standard Range	Flag
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SM RNP AUTOANTIBODY QUANT</b>	<b>&lt;0.2 AI</b>	<b>&lt;1.0 AI</b>	
AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.			
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SSA/RO IGG AUTOAB</b>	<b>Negative</b>	<b>Negative</b>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SSA/RO IGG AUTOAB QUANT</b>	<b>&lt;0.2 AI</b>	<b>&lt;1.0 AI</b>	
AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.			
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SSB/LA IGG AUTOAB</b>	<b>Negative</b>	<b>Negative</b>	
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>SSB/LA IGG AUTOAB QUANT</b>	<b>&lt;0.2 AI</b>	<b>&lt;1.0 AI</b>	
AI has not been correlated with disease state or intensity of disease. It is not supported or documented for use other than for pos/neg.			
Testing performed on Bioplex 2200 utilizing multiplexed bead immunoassay.			
<b>ENA INTERPRETATION</b>	<b>SEE COMMENT</b>		
All antibody levels for systemic autoimmune disease are below pre-established cutoffs. MDSS outputs of "Negative" or "No Association" do not rule out autoimmune disease. Patients with Rheumatoid Arthritis may result in an SLE association from MDSS, thus MDSS associations from patients with RA should be interpreted with caution.			
<b>URINE CULTURE</b>	<b>10,000 - 50,000 cfu/ml, Mixed urogenital flora</b>		<b>A</b>
<b>URINE CULTURE</b>	<b>Escherichia coli</b>		<b>A</b>
	<b>50,000 - 100,000 cfu/ml</b>		
<b>URINE CULTURE</b>	<b>Enterococcus faecalis</b>		<b>A</b>
	<b>50,000 - 100,000 cfu/ml</b>		

## Comments from the Doctor's Office



You urine dip shows only trace blood and leukocytes (white blood cells). This could be a sign on an infection or contamination. I am waiting the final urine culture results which will let us know if this is a UTI and which antibiotics will treat it. I will follow up once those results are received.

Thanks,  
Megan Hubbard, PA-C

## Component Results

Component	Your Value	Standard Range	Flag
APPEARANCE	<b>Clear</b>	<i>Clear</i>	
COLOR UA	<b>Yellow</b>	<i>Colorless, Straw, Yellow, Amber</i>	
SPEC GRAV UA	<b>1.020</b>	<i>1.005 - 1.035</i>	
PH URINE	<b>5.5</b>	<i>5 - 9</i>	
PROTEIN, URINE, SEMIQUANTITATIVE (DIPSTICK)	<b>Negative</b>	<i>Negative, 5-9, 0-4, 10-14, 15-19, 20-29, 30-49, &gt;50</i>	
GLUCOSE UA	<b>Negative</b>	<i>Negative, 5-9, 0-4, 10-14, 15-19, 20-29, 30-49, &gt;50</i>	
KETONES UA	<b>Negative</b>	<i>Negative</i>	
BILIRUBIN URINE	<b>Negative</b>	<i>Negative</i>	
BLOOD	<b>Trace</b>	<i>Negative, 5-9, 0-4, 10-14, 15-19, 20-29, 30-49, &gt;50</i>	<b>A</b>
UROBILINOGEN	<b>0.2</b>	<i>0.2-1.0, 0.2, 1.0</i>	
NITRITE	<b>Negative</b>	<i>Negative</i>	
LEUKOCYTE ESTERASE	<b>Trace</b>	<i>Negative</i>	<b>A</b>