

Siemens Medical Solutions Diagnostics offers a broad portfolio of performance-driven diagnostic solutions that provide more effective ways to assist in the diagnosis, monitoring and management of disease. Our products and services bring together the right balance of science, technology and practicality across the healthcare continuum to empower medical professionals with the vital information they need to deliver better, more personalized care to patients around the globe.

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**Find out which of your
patients is heading
towards kidney disease**

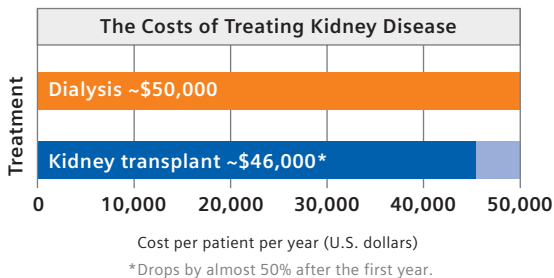
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medical

Kidney Disease is recognized as a public health problem.

- 1 in 9 American adults (20 million) have chronic kidney disease and most don't even know it. More than 20 million others are at increased risk.^{1,4}
- Incidence of end-stage renal disease (ESRD) increasing by 6% per year.²
- Annual cost of dialysis treatment is ~\$50,000 per patient per year.
- Early detection can lead to more timely treatments, saving the healthcare system thousands of dollars per patient.



Do you see patients with these increased risk factors for kidney disease?

- Diabetes
- Hypertension
- Pre-eclampsia
- Family history of chronic kidney disease
- Non-caucasian
- Age >60 years
- Urinary tract infections
- Exposure to nephrotoxins, including certain medications

The National Kidney Foundation recommends the use of the protein-to-creatinine (P:C) ratio for more convenient assessment of protein excretion.

- The National Kidney Foundation has selected Siemens Medical Solutions Diagnostics' Urinalysis Products for its Kidney Early Evaluation Program (KEEP).

Multistix PRO® Strips: Versatile, vital urinalysis results.

- In concentrated or dilute specimens, false results can be reduced by over 75%.³
 - Reduced false positives mean fewer costly follow-up tests, which also alleviates unnecessary concerns for you and your patient.
 - Reduced false negatives mean fewer delays in patient treatment.



Introducing
Multistix PRO Strips:
The only urinalysis
strip providing
protein-to-creatinine
ratio results.



Clinitek Status®



Clinitek Advantus™

Multistix PRO Urinalysis Strips along with the Clinitek Status and Clinitek Advantus Urine Chemistry Analyzers automate your P:C ratio testing.

- Multistix PRO Strips are CLIA-waived for even more convenient testing.
- Results in just 60 seconds.
- Reduces the need for 24-hour or overnight timed urine collection.

Excerpts from the National Kidney Foundation Kidney Disease Outcome Quality Initiative (K/DOQI) Chronic Kidney Disease Guidelines.

“The American Diabetes Association and the NKF-PARADE have recommended assessment of proteinuria to detect chronic kidney disease.”¹

“24-hour urine collections may be associated with significant collection errors, largely due to improper timing and missed samples, leading to over-collections and under-collections.”¹

“The ratio of protein or albumin-to-creatinine in an untimed “spot” urine specimen corrects for variations in urinary concentration due to hydration and provides a more convenient method of assessing protein and albumin excretion than that involved with timed urine collections”¹

“Urine protein-to-creatinine and albumin-to-creatinine ratios provide accurate estimates of the urinary protein and albumin excretion rate and are not affected by hydration.”¹



Select the configuration that's right for you and your testing needs.

Billing for two codes is appropriate when both analytes or tests are measured/performed and results are obtained for both analytes/procedures. Physicians and laboratories should use independent medical judgment in selecting the code(s) that most accurately reflects the product(s) used, procedure(s) performed and the patient's condition.

Name	Code	Quantity	Reagents									
			Leu	Nit	Blo	pH	Pro	Cre	SG	Glu	Ket	
Multistix PRO 10LS	1566	25 Strips	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	1554	100 Strips	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Testing Method	Product Name	CPT Code
Visual Testing	Creatinine UA	82570QW 81002
Clinitek Status**	Creatinine UA	82570QW 81003QW
Clinitek Advantus**	Creatinine UA	82570 81003

To order now, please contact your Siemens Medical Solutions Diagnostics Multistix PRO authorized distributor or call (800) 445-5901.

Contact your local Medicare carrier or other health plan for details on local policies and to ensure compliance with specific plan requirements.

* CPT codes and descriptors are copyrighted by the American Medical Association.

** The Centers for Medicare and Medicaid Services (CMS) indicated that Multistix PRO Reagent Strips can be reported with CPT codes 81002 (non-automated urinalysis) and 82570 (creatinine) as [in] CLIA-waived products (CMS Program Memorandum Transmittal AB 01-145 – Oct. 10, 2001). Siemens Medical Solutions Diagnostics believes this information and the codes above (replacing 81002 non-automated urinalysis with 81003 automated urinalysis) can apply to use of the reagent strips on the Clinitek Status and Clinitek Advantus. Such coding supports complete reporting of all analytes measured, especially since there are no other codes covering this specific combination of analytes. Users may also consider in place of CPT code 81002, using CPT 81003, which is the CPT code for automated urinalysis by dip stick or tablet reagent without microscopy procedures.

References:

1. National Kidney Foundation K/DOQI Clinical Practice Guidelines for Chronic Kidney Disease: Evaluation, Classification and Stratification; *Am J Kid Dis* 39;2002 (Suppl. 1).
2. USRDS 2001 Annual Data Report; "Executive Summary."
3. Pugia MJ, Wallace JF, Luke KE, et al. Multisite Evaluation of a New Dipsticks Protein, Albumin and Creatinine in Urine with Visual Results and Quantitative Methods. *J. Clin. Lab. Analysis*. Poster abstracts *Clin Chem*, 46:A25,A2,A17;2000. *Clin Biochem*, 2000, 33:S235.
4. What's New. National Kidney Foundation. <http://www.kidney.org/professionals/doqi/whatsnew.cfm>; (Information retrieved on June 5, 2002).

References:

1. National Kidney Foundation.
2. US Renal Data System, USRDS 2001 Annual Data Report: Atlas of End-Stage Renal Disease in the United States, National Institute of Health, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD, 2001.
3. Jones CA et al. Third National Health and Nutrition Examination Survey (between 1988 and 1994). Am J Kid Dis 1998;2:992-9.
4. Wallace JF, Pugia MJ, Lott JA et al. Multisite Evaluation of a New Dipstick for Albumin, Protein and Creatinine. J Clin Lab Anal 2001;15:231-235.

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* Average percent CV in normal range.

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Ratio is key
to earlier detection
of kidney disease

Siemens Medical Solutions Diagnostics

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Ratio is Key to Earlier Detection of Kidney Disease

Kidney disease is a growing health concern.

- 1 in 9 American adults (20 million) have chronic kidney disease and most don't even know it. More than 20 million others are at increased risk¹
- Incidence of end-stage renal disease (ESRD) is increasing by 6% per year¹
- Early kidney disease diagnosis can help slow or even prevent the progression to kidney failure²
- In the U.S. alone, there are approximately: ¹⁻³
 - 340,000 ESRD patients
 - 2 million chronic renal failure patients
 - 7 million chronic renal insufficiency patients

Better patient management starts with identifying risk factors.

Clinical Factors

- Diabetes
- Hypertension
- Autoimmune diseases
- Systemic infections
- Urinary tract infections
- Urinary stones
- Lower urinary tract obstruction
- Neoplasia
- Family history of chronic kidney diseases
- Recovery from acute kidney failure
- Reduction in kidney mass
- Exposure to certain drugs
- Low birth weight

Sociodemographic Factors

- Older age
- US ethnic minority status: African American, American Indian, Hispanic, Asian or Pacific Islander
- Exposure to certain chemical and environmental conditions

Which Product Should You Use?	
General Population?	Multistix® 10 SG, Uristix® 4 Urinalysis Strips
Has One or More Kidney Disease Risk Factors?	Multistix PRO® Urinalysis Strips
Diabetes?	Clinitek® Microalbumin Urinalysis Strips or DCA 2000® Microalbumin/Creatinine Test
Confirmed Kidney Disease?	DCA 2000 Microalbumin/Creatinine Test

Multistix PRO Reagent Strips for Urinalysis

The National Kidney Foundation (NKF) recommends the use of the Protein-to-Creatinine (P:C) ratio for a more convenient and accurate assessment of protein excretion

- The NKF has selected Siemens Urinalysis Products for its Kidney Early Evaluation Program (KEEP)
- Multistix PRO Reagent Strips, along with the Clinitek Status® Analyzer, automates Protein-to-Creatinine ratio testing with semi-quantitative results in 60 seconds
- Multistix PRO Reagent Strips are CLIA-waived when used on the Clinitek Status or the Clinitek® 50 Analyzers
- Reduces the need for 24-hour overnight timed urine collection
- In concentrated or dilute specimens, false results can be reduced by over 75% ⁴
 - Reduced false positives mean fewer costly follow up tests, which also alleviates unnecessary concerns for you and your patient
 - Reduced false negatives mean fewer delays in patient treatment



Siemens family of ratio products is your comprehensive solution for managing your at-risk patients.

Product Name	Product Code	Quantity
Multistix PRO 10 LS	1566	25 Strips
	1554	100 Strips

Clinitek Microalbumin Reagent Strips for Urinalysis

Clinitek Microalbumin Reagent Strips offer several notable benefits in testing for albumin in urine:

- In diagnosed diabetic patients, Clinitek Microalbumin Reagent Strips provide increased sensitivity of albumin as recommended by ADA Guidelines. Sensitivity is as low as 2 mg/dL
- Reliable, semi-quantitative results are provided with the Clinitek Status Analyzer
- Albumin-to-Creatinine (A:C) ratio results are automatically calculated in just 60 seconds
- CLIA-waived for Microalbumin/Creatinine when used on the Clinitek Status and Clinitek 50 Analyzers



“Urine protein-to-creatinine and albumin-to-creatinine ratios provide accurate estimates of the urinary protein and albumin excretion rate and are not affected by hydration.”¹

Product Name	Product Code	Quantity
Clinitek Status Analyzer	1735	N/A
Clinitek 50 Urine Chemistry Analyzer	6516	N/A
Clinitek Microalbumin Reagent Strips for Urinalysis	2083	25 Strips

DCA 2000 Microalbumin/Creatinine Reagents

In-office, quantitative Microalbumin results for fast, effective patient feedback.

- To monitor patients who have confirmed kidney disease, DCA 2000 Microalbumin/Creatinine is the most sensitive point-of-care test available for detecting and managing patients with kidney disease
- Automatically calculates Albumin-to-Creatinine results in just 7 minutes from a random 40 µL urine sample
- Additional testing capabilities include HbA1c for better overall management of your diabetic patients
- Accurate lab quality HbA1c results are calculated in just 6 minutes, from only 1 µL of blood
- With a CV of 2.6%*, the DCA 2000+™ Analyzer is precise enough to detect even the smallest change in glycemic control
- CLIA-waived for HbA1c testing; moderately complex for Microalbumin/Creatinine



Product Name	Product Code	Quantity
DCA 2000+ Analyzer	5031C	N/A
DCA 2000 HbA1c Reagents	5035B	10 Tests/Kit
DCA 2000 HbA1c Control Kit	5068	2 Vials Normal 2 Vials Abnormal
DCA 2000 Microalbumin/Creatinine Reagents	6011	10 Tests/Kit
DCA 2000 Microalbumin/Creatinine Control Kit	6012	2 Vials Low 2 Vials High

Ratios Product Comparison

Product Name	Result Type	Protein Type Measured	Sensitivity Range	Ratio Cutoff
Multistix® 10 SG	Semi-quantitative	Protein-High = Urinary Proteins	30 – 65 mg/dL	N/A
Multistix PRO®	Semi-quantitative	Protein-Low = Albumin Protein-High = Urinary Proteins	8 – 15 mg/dL 30 – 65 mg/dL	80 mg/g 300 mg/g
Clinitek® Microalbumin	Semi-quantitative	Albumin	2 – 4 mg/dL	30 mg/g
DCA 2000® Microalbumin/Creatinine	Quantitative	Albumin	0.5 – 30 mg/dL	Range = 1 – 2000 mg/g

For more information, please visit us on the Web at www.siemens.com/diagnostics
Or contact us at 1-800-445-5901 and select option #1 or call your Siemens authorized distributor.

CPT Codes

Product Name	Product Code	Automated UA w/o Microscopy	Automated UA with Microscopy	Non-Automated UA w/o Microscopy	Non-Automated UA with Microscopy	Creatinine Other Source	Microalbumin Semi-quantitative	HbA1c Quantitative	Microalbumin Quantitative
Multistix® 10 SG	2161	100 Strips 8 1003 QW	81001	81002	81000	–	–	–	–
Multistix PRO® 10 LS	1566	25 Strips 8 1003 QW	81001	81002	81000	82570 QW	–	–	–
Multistix PRO® 10 LS	1554	100 Strips 8 1003 QW	81001	81002	81000	82570 QW	–	–	–
Clinitek® Microalbumin	2083	25 Strips	–	–	–	82570 QW	82044 QW	–	–
DCA 2000® HbA1c	5035	10 Strips	–	–	–	–	–	83036 QW	–
DCA 2000® Microalbumin/ Creatinine	6011	10 Strips	–	–	–	82570	–	–	82043

For questions concerning reimbursement, please call the Siemens Reimbursement Support Line at: **866-617-3005**

Note: QW modifier is **only** required for Medicare claims. Moderately waived facilities and non-Medicare claims should be billed to CPT code without attaching the QW modifier.
Source: 2007 AMA CPT Handbook



For More Information Contact:

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