

Author's Accepted Manuscript

Validation of a DNA methylation-mutation urine assay to select patients with hematuria for cystoscopy

Kim E.M. van Kessel , Willemien Beukers , Irene Lurkin , Angelique Ziel – van der Made , Kirstin A. van der Keur , Joost L. Boormans , Lars Dyrskjøt , Mirari Márquez , Torben F. Ørntoft , Francisco X. Real , Ulrika Segersten , Núria Malats , Per-Uno Malmström , Wim Van Criekinge , Ellen C. Zwarthoff



PII: S0022-5347(16)31519-1
DOI: [10.1016/j.juro.2016.09.118](https://doi.org/10.1016/j.juro.2016.09.118)
Reference: JURO 14100

To appear in: *The Journal of Urology*
Accepted Date: 15 September 2016

Please cite this article as: van Kessel KEM, Beukers W, Lurkin I, Ziel – van der Made A, van der Keur KA, Boormans JL, Dyrskjøt L, Márquez M, Ørntoft TF, Real FX, Segersten U, Malats N, Malmström PU, Van Criekinge W, Zwarthoff EC, Validation of a DNA methylation-mutation urine assay to select patients with hematuria for cystoscopy, *The Journal of Urology*® (2016), doi: 10.1016/j.juro.2016.09.118.

DISCLAIMER: This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our subscribers we are providing this early version of the article. The paper will be copy edited and typeset, and proof will be reviewed before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to The Journal pertain.

Embargo Policy

All article content is under embargo until uncorrected proof of the article becomes available online.

We will provide journalists and editors with full-text copies of the articles in question prior to the embargo date so that stories can be adequately researched and written. The standard embargo time is 12:01 AM ET on that date. Questions regarding embargo should be directed to jumedia@elsevier.com.

Validation of a DNA methylation-mutation urine assay to select patients with hematuria for cystoscopy

Running head: Validation of a urine assay for hematuria to detect BC

Kim E.M. van Kessel^a, Willemien Beukers^a, Irene Lurkin^a, Angelique Ziel – van der Made^a, Kirstin A. van der Keur^a, Joost L. Boormans^b, Lars Dyrskjød^c, Mirari Márquez^d, Torben F. Ørntoft^c, Francisco X. Real^{e,f}, Ulrika Segersten^g, Núria Malats^d, Per-Uno Malmström^g, Wim Van Criekinge^{h,i}, Ellen C. Zwarthoff^a

^a Department of Pathology, Erasmus Medical Center, Rotterdam, the Netherlands

^b Department of Urology, Erasmus Medical Center, Rotterdam, the Netherlands

^c Department of Molecular Medicine, Aarhus University Hospital, Aarhus, Denmark

^d Genetic and Molecular Epidemiology Group, Spanish National Cancer Research Centre (CNIO), Madrid, Spain

^e Epithelial Carcinogenesis Group, Spanish National Cancer Research Centre (CNIO), Madrid, Spain

^f Department of Experimental and Health Sciences, Universitat Pompeu Fabra, Barcelona, Spain

^g Department of Surgical Sciences, Uppsala University, Uppsala, Sweden

^h MDxHealth, Inc., Irvine, CA, USA

ⁱ Laboratory of Bioinformatics and Computational Genomics, Ghent University, Belgium.

Competing interests:

The authors declare no competing interests.

Contact information:

Ellen C. Zwarthoff, PhD

Erasmus MC Cancer Institute

Department of Pathology, Room Be304

P.O. Box 2040, 3000 CA Rotterdam, The Netherlands

Phone +31107043929, Fax +31107044762

E-mail: e.zwarthoff@erasmusmc.nl

Word count of text (incl. abstract): 2350 (2586)

Word count of abstract: 236

Key words: Bladder cancer, Diagnosis, Hematuria, Methylation, Urine test, Validation

Download English Version:

<https://daneshyari.com/en/article/5687441>

Download Persian Version:

<https://daneshyari.com/article/5687441>

[Daneshyari.com](https://daneshyari.com)