

# Precision Health Begins with Prevention

*Clinically validated diagnostics powered by data-driven prediction*



## Global Burden of DKD

With 40% of diabetic patients worldwide (nearly half-a-billion) developing kidney complications, it has never been more critical to shift from diagnosis to prevention.\*1

**537m**

diabetic patients world-wide\*2

**40% (215m)**

of diabetes patients will develop kidney complications including ESRD

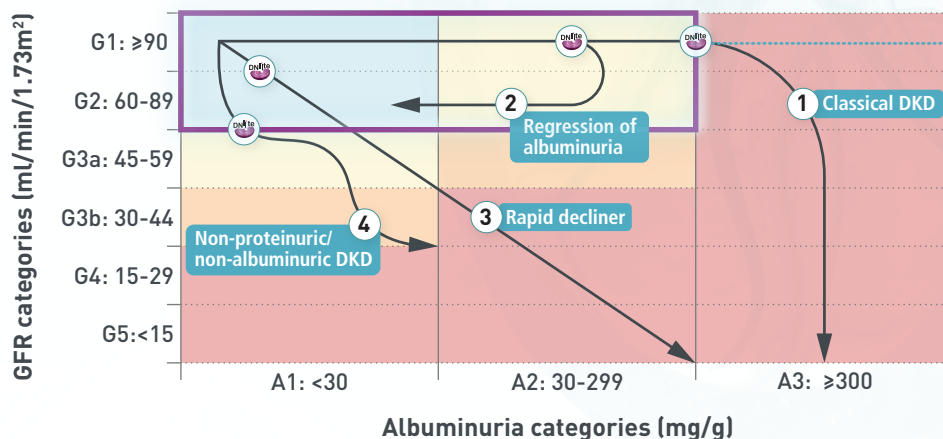
**50%**

ESRD patients die within 5 years & 20% die within 1 year\*3

Up to **40%**



of high-risk patients in non-albuminuric / proteinuric DKD pt. are unidentified by current detection methods



• **IVD103 predicts the early critical shifts for the 4 key trajectories of kidney function in DKD**

Adapted from Nat Rev Nephrol. 2021 (17)740-750.

## DNlite-IVD103 Human uPTM3-DKD ELISA TEST

a Better Predictor to Assist DKD Risk Management of Patients Who Will Progress

**During 1-2 yrs**

eGFR progressive decline  
[-5 mL/min/1.73 m<sup>2</sup> per year]

**During 2-5 yrs**

Incident DKD  
(eGFR below 60 mL/min/1.73 m<sup>2</sup>  
or decreased by more than 30%)

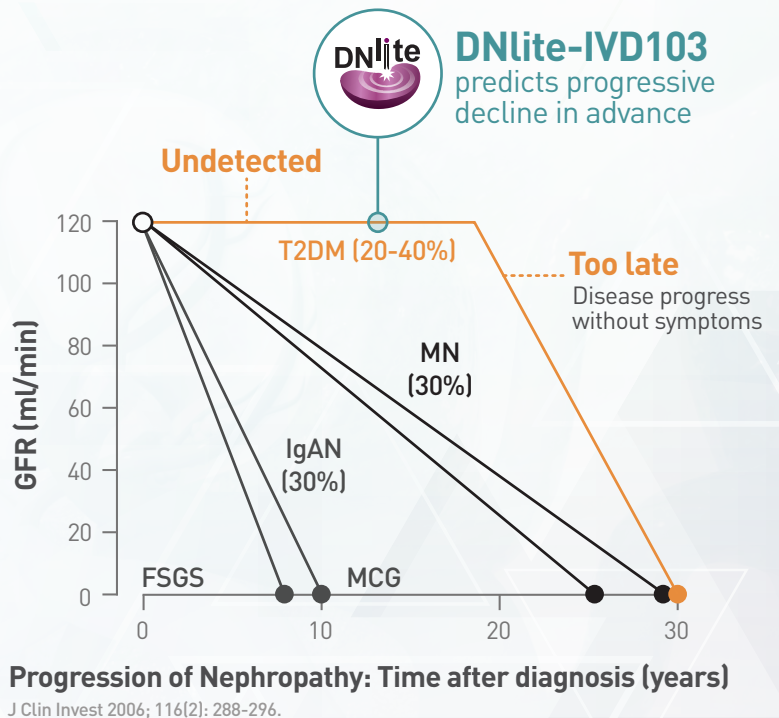
**During 5-10 yrs**

Renal function deterioration  
(need for renal replacement therapy: kidney transplantation or dialysis; or serum creatinine increment >50% within 3 months)

# DNlite-IVD103 Human uPTM3-DKD ELISA Test

## Diabetic Kidney Disease

We are conquering the world of kidney disease and kidney injury by translating validated and IP-protected novel biomarkers into clinically-validated solutions.



**DNlite IVD103** predicts renal function loss years in advance through non-invasive ELISA-based testing. A true diagnostic gold standard for DKD in clinics and labs.

## DNlite IVD103 Human uPTM3-DKD ELISA Test

- ▶ Single and Unique Biomarker
- ▶ Predict Progressive Decliner
- ▶ Predicting & Monitoring Renal Function Loss
- ▶ Precision DKD Management
- ▶ Non-invasive Urinary ELISA Test



### About BPM

BIO PREVENTIVE MEDICINE is a leading company in renal biomarker area. As a clinical staged IVD and biotech company, BPM focuses on translating validated and IP-protected novel biomarkers into diagnostic solutions for unmet clinical needs. For more information, please refer to BPM official website or contact us.

Bio Preventative Medicine Corp.

<http://www.bpmbiotech.com>

[dnlite@bpmbiotech.com](mailto:dnlite@bpmbiotech.com)

