ASX Release
28 March 2024

ASX code: PIQ

Investor Presentation

Proteomics International Laboratories Ltd (Proteomics International; the Company; ASX: PIQ) is pleased to release a copy of the presentation to be provided by Dr Richard Lipscombe to Jefferies Institutional Clients on 28 March 2024.

Authorised by Dr Richard Lipscombe (Managing Director) and Mr Neville Gardiner (Non-Executive Chairman) on behalf of the Board of PIQ.

ENDS

About Proteomics International Laboratories (PILL) (www.proteomicsinternational.com)
Proteomics International (Perth, Western Australia) is a wholly owned subsidiary and trading name of PILL (ASX: PIQ), a medical technology company at the forefront of predictive diagnostics and bio-analytical services. The Company specialises in the area of proteomics – the industrial scale study of the structure and function of proteins. Proteomics International's mission is to improve the quality of lives by the creation and application of innovative tools that enable the improved treatment of disease.

For further information please contact:

Dr Richard Lipscombe
Managing Director
Proteomics International Laboratories Ltd
T: +61 8 9389 1992
E: enquiries@proteomicsinternational.com

Lisa Barnes
Public Relations
Profile Media
T: +61 416 583 672
E: lisab@profilemedia.com.au

Dirk van Dissel
Investor Relations & Corporate Advisor
Candour Advisory
T: +61 408 326 367
E: dirk@candouradvisory.com.au

Kyle Moss
Corporate Advisor
Euroz Hartleys
T: +61 8 9488 1400
E: kmoss@eurozhartleys.com

Proteomics International
LABORATORIES LTD

Investor Presentation

28 March 2024

Dr. Richard Lipscombe
Managing Director

Disclaimer

This Presentation is provided by Proteomics International Laboratories Ltd (Proteomics International, Proteomics, the Company, ASX: PIQ).

You should not rely upon anything in this presentation and/or any information obtained from the Company, its Directors or their associates in deciding whether or not to seek to purchase the shares of the Company. This is not an offer to subscribe for securities in the Company.

The Presentation may contain quantitative statements of anticipated future performance such as projections, forecasts, calculations, forward-looking statements or estimates all of which are based on certain assumptions (Forward Looking Statements). The Forward Looking Statements may involve subjective judgements and are based on a large number of assumptions and are subject to significant uncertainties and contingencies, many of which are outside the control of the Company and may not prove to be correct.

No representation or warranty is made that any Forward Looking Statements will be achieved, or occur, or that the assumptions upon which they are based are reasonable or the calculations from which they have been derived are correct. Actual future events may vary significantly from the Forward Looking Statements. Each Recipient should undertake their own independent review of the Forward Looking Statements, including the assumptions on which they are based and the financial calculations from which they are derived.

Proteomics International Laboratories Ltd

ASX: PIQ

A medical technology company at the forefront of predictive diagnostics and precision medicine

Three key focus tests driven by a proprietary platform technology:

PromarkerD — *Diabetic Kidney Disease* — COMMERCIALISATION

- Proven prognostic test for predicting the onset of diabetic kidney disease
- Being commercialised & launched in the US by Sonic Healthcare USA
- US$390 indicative test price & PIQ receives royalty for each test sold

PromarkerEndo — *Endometriosis* — DEVELOPMENT

- Test in late-stage development to diagnose Endometriosis
- Affects 1 in 9 women and costs Australia alone over AU$10Bn a year
- Prototype test identified up to 90% of patients with the disease

PromarkerEso — *Esophageal Cancer* — DEVELOPMENT

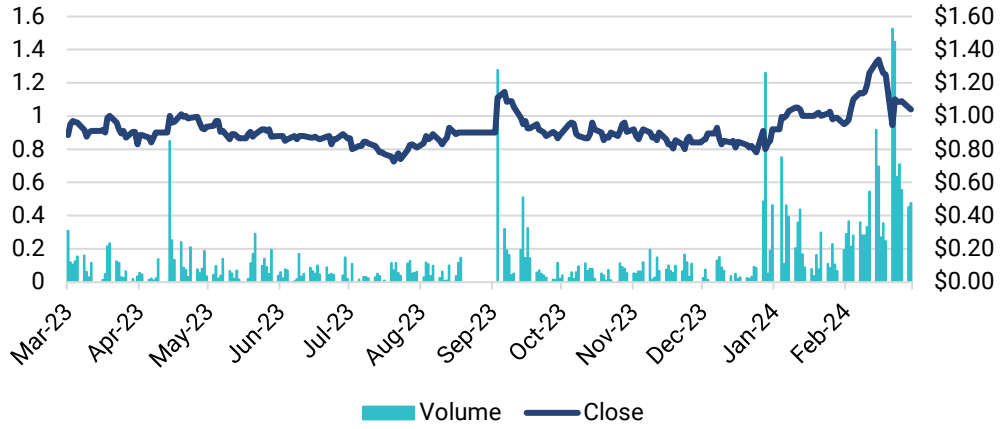
- Test in late-stage development to diagnose Esophageal Cancer
- 1 in 20 cancer deaths worldwide due to esophageal cancer
- Prototype test identified up to 90% of patients with the disease

Corporate Overview

ASX: PIQ

Corporate Snapshot

ASX code	PIQ
Market Capitalisation	A$136m
Cash (31 Dec 2023 + Placement Proceeds)	~A$11m
Share Price (26 Mar 2024)	A$1.04
Shares on issue	131m
Revenue & other income – H1 FY24	A$2.3m
Average Quarterly cash burn – H1FY24	A$1.6m



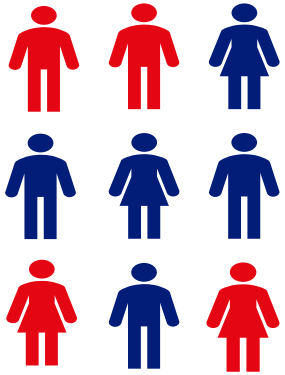
Financial and Corporate

- Top 40 Shareholders hold 53%
- Directors are highly aligned with shareholders holding 14%
- Institutional placement raised $6.5m with leading Asian and Australian funds participating [ASX: 23 January 2024]
- State-of-the-art laboratories
  - Accredited (ISO 17025 and ISO 13485) cutting-edge facility
  - Specialist proteomics technology platform
  - Analytical services – pharmacokinetic (PK) testing & biosimilars
  - Headquartered on QEII Medical Campus, Perth, WA
- Revenue generating
  - Bioanalytical service business helps offset cash burn
  - Current revenue does not include any major sales of PromarkerD

Promarker – Platform Technology

ASX: PIQ

Promarker™ is a platform technology that can identify unique protein biomarkers ‘fingerprints’



The platform identifies and links the unique protein biomarkers to specific diseases, enabling Proteomics International to create novel diagnostic tests

Promarker D

PROACTIVELY CHANGING RENAL HEALTHCARE

A simple blood test for predicting diabetic kidney disease

Problem and Solution – Diabetic Kidney Disease

ASX: PIQ

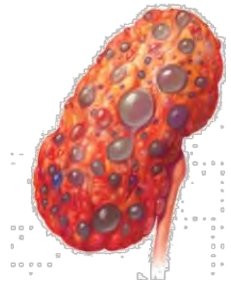
The Problem

- **537 million adults** with diabetes globally
- **1-in-3** with diabetes have chronic kidney disease
- **Kidney disease is a silent killer** - kidney function can **fall below 15-20% with no symptoms**
- Damage to kidneys is **irreversible**, therefore **early detection** is paramount
- Diabetic kidney disease leads to renal failure which requires **dialysis (US$72,000 p.a.) or kidney transplant**
- Total cost of diabetic kidney disease = **US$130 Bn** per year in USA alone

Roadblock

Current standard-of-care diagnostics

- Existing tests (known as eGFR and ACR) can only detect chronic kidney disease once it is already present
- Current standard-of-care tests cannot **predict** the onset of diabetic kidney disease
- **If unchecked, patients ultimately require dialysis and/or a kidney transplant**

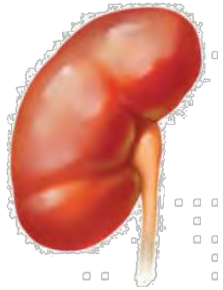


Diseased Kidney

Solution

PromarkerD

- PromarkerD can **predict** the onset of disease **before** clinical symptoms appear (up to four years prior)
- **Doctors can then prescribe an early therapeutic treatment to slow or stop the onset of disease**
- Kidneys remain healthier for longer, **saving healthcare systems billions of dollars** and **improving quality of life** for patients



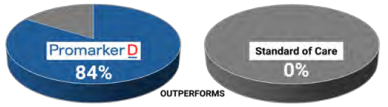
Healthy Kidney

International Diabetes Federation 2021
US Renal Data System 2020

PromarkerD Global Rollout: Key Highlights

ASX: PIQ

Intellectual Property	Patents granted in all major jurisdictions - PromarkerD Patent family & Trademark covers **72%** of world's diabetics
Regulatory	**CE Mark** (EU) registration received for the PromarkerD Immunoassay IVD Secured ISO 13485 certification for the manufacture of medical devices US sales utilising the Lab Developed Test (LDT) pathway via CLIA certified laboratories
Manufacturing scale-up	ISO 13485 certified EU manufacturer Simple technology platform (immunoassay) – easy to use and integrate into existing pathology lab processes
Peer Reviewed	PromarkerD tested on over **5,000 patients** in 4-year clinical studies Global multi-centre clinical study (CANVAS) on 3,568 participants in collaboration with Janssen (J&J) Clinical & analytical validity proven (Sensitivity 86%); 10+ Peer Reviewed Publications
Physician Support	Clinical utility demonstrated - US based survey showed **96%** of physicians were likely to use PromarkerD test scores for clinical decision making; PromarkerD consistently ranked as one of the top 2 factors driving physician decision-making.
Outperforms Standard of Care	857 community based patients tested for existing DKD at baseline: 497 had normal kidney function PromarkerD accurately predicted 84% (N=38); All were missed by Standard of Care tests
The Need	**Economic Cost**: Chronic Kidney Disease cost Australia A$9.9bn in 2021 (Kidney Health Australia) - investment in early detection could yield a net benefit of $10.2bn over 20 years; Kidney Research UK have declared a public health emergency - by 2033 kidney disease risks costing the UK economy £13.9bn annually
The Treatments	New renal protective therapies: SLGT2-inhibitors approved & potential use of GLP-1 agonist semaglutide (Ozempic) PromarkerD identifies patients for better management of diabetes, adherence to medications, and focus on diet & exercise
The Utility	**Complementary diagnostic** - Early diagnosis of DKD using PromarkerD can help inform doctors' treatment decisions to improve clinical outcomes for patients. Actions taken BEFORE the onset of DKD



United States: Commercialisation in Progress

ASX: PIQ

Sonic Healthcare USA has the exclusive licence to commercialise PromarkerD in the world's largest healthcare market

SONIC HEALTHCARE USA

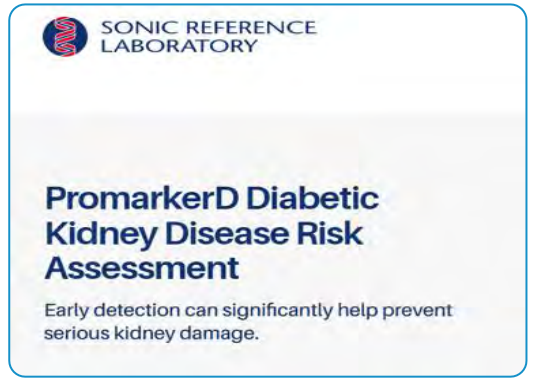
Over 7,000 Employees

Over 300 Sales reps

Over 400 pathologists

Services over 20 million patients

Marketing, Sample collection, Reporting



CLIA Certified Laboratories

Sonic is the third Largest laboratory medicine company in the US ✓

Test listed on Sonic website and commercial launch pending ✓

Sonic has labs spanning from Hawaii to Boston ✓

Targeting the 32m people with diabetes in the USA ✓

www.sonichealthcareusa.com
International Diabetes Federation 2021

Reimbursement in the US

ASX: PIQ

Proteomics International has worked with its partner Sonic Healthcare USA to achieve reimbursement in the US

CMS is the federal agency in the United States that administers Medicare and Medicaid

Medicare and Medicaid collectively responsible for 42% of healthcare spending in the US

CMS has assigned a payment rate of US$390.75 for PromarkerD

CMS is responsible for providing healthcare coverage to more than 100m Americans

US Reimbursement Timeline

Jan 2023	Apr 2023	May 2023	Jun 2023	Nov 2023	Jan 2024
Unique CPT Proprietary Laboratory Analysis (PLA) code approved	Centers for Medicare and Medicaid Services (CMS) posts updated code list PLA code (0385U) for PromarkerD effective	American Clinical Lab Association engaged by SHUSA to consider crosswalk or gapfill pricing	CMS Clinical Lab Fee Schedule (CLFS) Annual Meeting to consider pricing	CMS confirmed pricing of US$390.75 for PromarkerD	CMS pricing effective for PromarkerD

Proteomics International will receive a royalty on each test sold

Target Markets: PromarkerD

ASX: PIQ

Proteomics International is showcasing PromarkerD with KOL's at major conferences globally

Germany, France, Spain

15.1m T2 diabetics

- PromarkerD is CE Mark registered in Europe
- Germany, France and Spain are initial target markets
- Options to commercialise PromarkerD via:
  - Distributor Model; and/or
  - Licensing Model

Next Steps

- Actively targeting potential partners in key jurisdictions

United Kingdom

4.8m T2 diabetics

- **Distribution Licence with Apacor Ltd** for PromarkerD
- Test registered with Medicines & Healthcare products Regulatory Agency
- *National Institute for Health & Care Excellence (NICE) Medtech Innovation Briefing "NICE Advice" published*

Next Steps

- Engagement with the NHS Supply Chain Tender
- PromarkerD inclusion in the NICE guidelines
- MIB guide healthcare industry, enabling positive engagement with private healthcare providers

Puerto Rico, Chile & Dom Republic

3m T2 diabetics

- **Licence with Omics Global Solutions** for immunoassay (Innovatio ND2): Puerto Rico, Dominican Republic, and Chile
- Test registered with Ministry of Health
- *First sales commenced*

Next Steps

- Securing public reimbursement (Puerto Rico linked to CMS pricing)
- Expanding uptake of the test through engagement with primary care physicians
- *Exploring additional sales to neighbouring territories*

Rest of World

316m+ T2 diabetics

- Detailed market assessments completed; discussions ongoing

Next Steps

- Actively targeting potential partners in key jurisdictions

Pipeline of Precision Diagnostics

ASX: PIQ

Platform technology drives deep pipeline of novel diagnostic tests

Further global potential in new markets

- Promarker™ platform develops novel intellectual property
- Targeting new diagnostic tests in areas of significant unmet need
- Enormous markets and revenue potential

DIAGNOSTICS RESEARCH AND DEVELOPMENT – THE PROMARKER™ PIPELINE

Dx Pipeline: Endometriosis

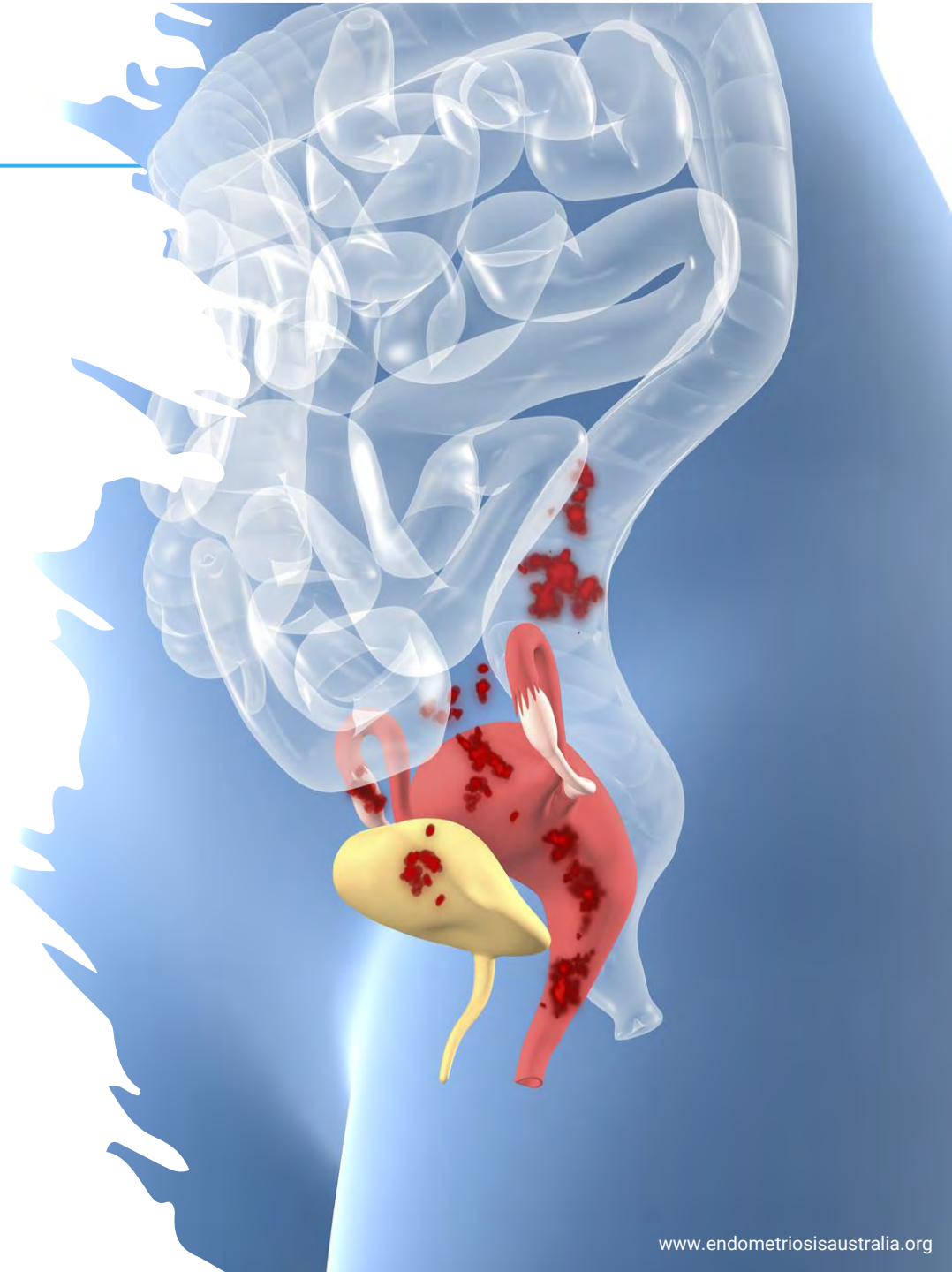
Potential world-first blood test '**Promarker*Endo*' in late-stage development

Impact of Endometriosis

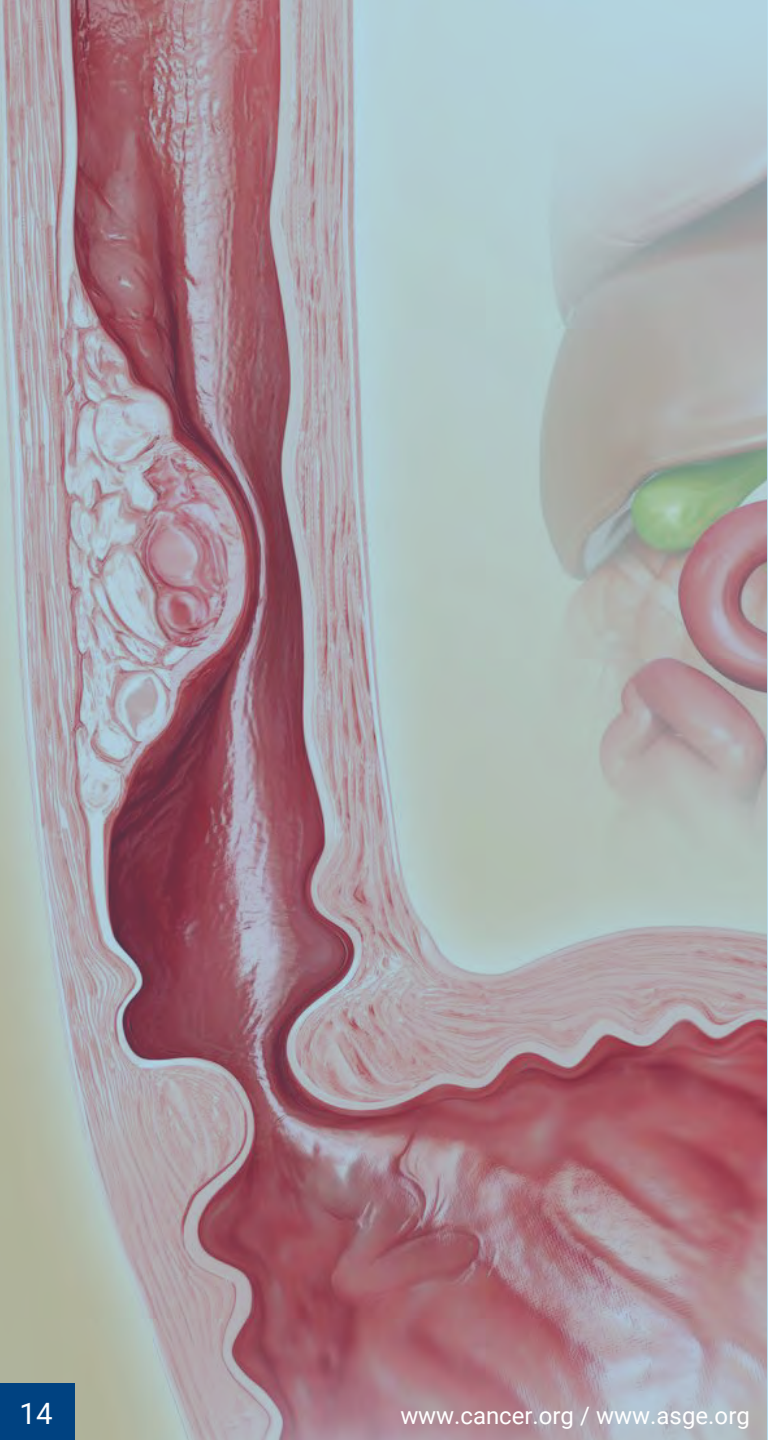
- Endometriosis is a common and painful disease where uterus tissue grows into other organs
- Currently **diagnosis takes an average of 7.5 years** and requires invasive surgery (laparoscopy)
- **Affects 1 in 9 women** and **costs Australia over AU$10 billion a year** – global opportunity significantly higher

Promarker™ for Endometriosis

- **Prototype test identified up to 90%** of patients with the disease
  (World Endometriosis Conference, May '23)
- Patents pending in all major jurisdictions
- Collaboration with Royal Women's Hospital & University of Melbourne analysed 900 patients
- Biomarker panel clinically validated in independent patient group
- Biomarkers identified via the Promarker™ platform offer a **potential world-first blood test for endometriosis**
- **Next steps:** University of Oxford providing ~600 samples to confirm clinical performance of the test – Pivotal results anticipated Q3 CY24



www.endometriosisaustralia.org



Dx Pipeline: Esophageal Cancer

ASX: PIQ

Potential world-first blood test 'Promarker*Eso*' in late-stage development

Impact of Esophageal Cancer

- **1 in 20 cancer deaths worldwide** due to esophageal cancer
  - **5 year survival rate < 20%**
- Currently diagnosis requires a specialist endoscopy procedure; **treating the disease cost $2.9bn in USA in 2018**
- Test targets esophageal adenocarcinoma and Barrett's esophagus (pre-malignant) which affects 1-2% of adults and can **arise from chronic acid reflux**

Promarker™ for Esophageal Cancer and Barrett's esophagus

- **Prototype test identified 90%** of people with & without the disease
  (World Congress Esophageal Diseases, Sept '23)
- Patents granted in Europe, China, Australia; USA pending
- Collaboration with QIMR Berghofer Medical Research Institute **analysed 302 samples** across two patient cohorts
- Biomarker panel clinically validated in independent patient group
- Results indicate a **potential world-first blood test to screen for esophageal cancer**
- **Next steps:** Samples accessed from Victoria Biobank to confirm clinical performance of the test – Pivotal results anticipated Q3 CY24

www.cancer.org / www.asge.org

Dx Pipeline: Oxidative Stress

ASX: PIQ

Potential world-first blood test in late-stage development

What is Oxidative Stress?

- Oxidative stress occurs when the body's antioxidant defences are overwhelmed by an excess of toxic oxidants
- Oxidative stress is implicated in over 70 health conditions with **levels often reflective of a person's health condition**

OxiDx – blood test to monitor oxidative stress

- OxiDx P/L was spun out of PIQ and the University of Western Australia in Aug 2022

World first test:

- **Accurate** - highly sensitive
- **Simple to use** – finger prick sample
- **Cost effective** – for mass market use
- **Peer reviewed** – multiple journal publications
- **Patented** – patent families cover Australia & USA, Europe & Japan; others pending

OxiDx

Broad applications of OxiDx technology:

- **Athletic monitoring tool for competition preparedness:**
  - **Professional Sports** – performance, recovery and injury risk management – *55% of sports injuries are muscle related*
  - **Thoroughbred Racing Industry** – injury risk management and race-preparedness - *85% of Thoroughbreds suffer injury in their first 2-3 yrs*
- **Monitoring tool for health and wellbeing:**
  - **Precision Medicine** – tool for self-assessment
  - **Primary Industries** – monitor health in live export & stock production
- **Complementary diagnostic (CDx)**
  - **Clinical Trials –** Utilised to track treatment efficacy and personalised dosing in a range of indications

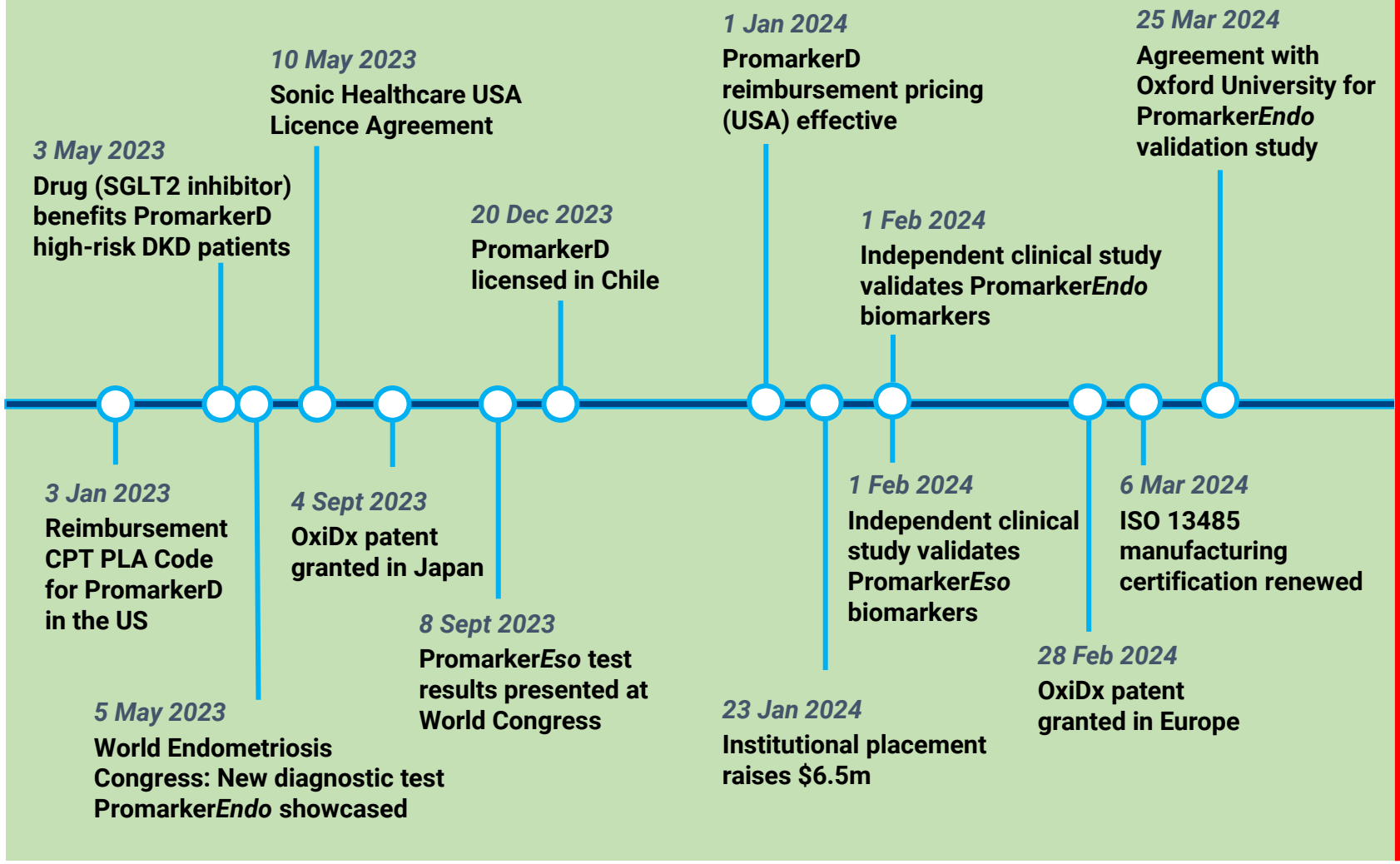



Australian Institute of Health and Welfare | Appraising the Welfare of Thoroughbred Race horses in Training | doi: 10.1373/clinchem.2005.061408

Timeline, Milestones & Catalysts

ASX: PIQ

CY23 & CY24 Key Milestones Achieved



CY24 Share Price Catalysts

- Generate sales revenue for PromarkerD in the USA
- Licensing deals for PromarkerD with diagnostic, pharmaceutical, or service providers in new geographic areas
- Generate sales revenue for PromarkerD in new target markets
- Completion of validation study for Promarker*Endo*
- Completion of validation study for Promarker*Eso*
- Completion of validation and proof of concept studies for OxiDx
- Development of new Dx tests using Promarker™ platform

PIQ – an exceptional global opportunity

ASX: PIQ

Investment Highlights

- Disruptive, cutting-edge technology & proven in-house diagnostics platform
- PromarkerD test **de-risked**, **patented**, **revenue ready** with **high margins**
- PromarkerD test manufactured in easy-to-use, **scalable**, **low-cost** format
- **Partnership** with Sonic Healthcare USA, preparing for US Launch targeting 32 million Americans living with Type-2 diabetes
- Whole of market appeal: pharma, clinical pathology labs, diagnostic platform developers, diabetes service providers, physicians and patients
- **Promarker*Endo*** test for endometriosis in late-stage development
- **Promarker*Eso*** test for esophageal cancer in late-stage development
- **OxiDx** platform technology presents whole new business vertical
- **Deep pipeline** of potential globally significant tests
- **Vibrant corporate activity** in the precision medicine, diagnostics and CRO (clinical trials) sectors

Multiple value drivers for CY 2024

Contact

ASX: PIQ

Dr Richard Lipscombe

Managing Director

T:+61 8 9389 1992

E: enquiries@proteomicsinternational.com

www.proteomicsinternational.com

Dirk van Dissel

Investor Relations & Corporate Advisor

Candour Advisory

T:+61 408 326 367

E: dirk@candouradvisory.com.au

Kyle Moss

Corporate Advisor

Euroz Hartleys

T:+61 9488 1400

E: kmoss@eurozhartleys.com

Proteomics International LABORATORIES LTD

ASX:PIQ

Supplemental

ASX: PIQ

Board of Directors

ASX: PIQ

Neville Gardiner BBus (Accounting and Business Law) (Curtin), Non-Executive Chair

Seasoned finance professional with over 30 years' experience providing corporate advice to Boards of public and private companies. He was Co-Founder and MD of Torridon Partners, an independent corporate advisory firm, which was acquired by Deloitte in 2016, where he became Partner in their M&A Advisory team.

Dr Richard Lipscombe PhD (London), MA (Oxon), Co-Founder & Managing Director

Led the Company from foundation through listing in 2015 to today. 30 years biotechnology experience in R&D and product commercialisation in academic and commercial entities. Technical expertise in chemistry, immunology, biomarker discovery & clinical proteomics.

Roger Moore R (Denmark), BPharm (U.Syd), Non-Executive Director

International pharmaceutical industry experience spanning 40 years, including almost 30 years as President of Novo Nordisk Japan. From 2000, he was appointed Novo Nordisk's Senior Vice President, Japan & Oceania Region. He has also served as a member of the Senior Management Board, Novo Nordisk A/S.

Paul House GAICD, BCommerce (UWA), Non-Executive Director

Over 25 years with multi-national corporations, CEO of Imdex (ASX:IMD), prior role as MD of SGS India for 8 years. Previously held CFO and COO roles, and was Senior Manager at a leading global management consultancy firm.

Dr Robyn Elliott PhD Inorganic Chemistry (Monash), BSc(Hons) Chemistry (Monash), Non-Executive Director

Proven track record in product development, clinical trials, regulatory affairs, audits, quality management, project management and operational strategy. Dr Elliott is Executive Director, Strategic Fractionation Program Delivery at CSL Behring, a subsidiary of CSL Limited. She is also a non-executive director of PolyNovo Limited (ASX:PNV).

PromarkerD: World Class Advisory Board

ASX: PIQ

Proteomics International is supported by an international, highly acclaimed advisory board

Professor Tim Davis MedSc, MB, W.Aust., DPhil Oxf., FRACP, MRCP (UK) – *Australia*
Consultant physician and endocrinologist, Fremantle Hospital, Professor of Medicine, University of Western Australia; WA Health Department's Diabetes & Endocrinology Clinical Network Co-lead

Dr Ele Ferrannini MD – *Italy*
Professor of medicine, The University of Pisa
Adjunct Clinical Professor of Medicine, University of Texas Health Science Center: Senior research associate, National Research Council's Institute of Clinical Physiology

Ms Davida F. Kruger MSN, APN-BC, BC-ADM – *United States*
Certified Nurse Practitioner, Henry Ford Health
Past Chair of the American Diabetes Association's (ADA) Research Foundation; ADA Educator of the Year (2017)

Dr Joshua Neumiller PharmD, CDCES, FASCP, FADCES – *United States*
Professor of Pharmacotherapy, Washington State University
Recipient of Albert B. Prescott Pharmacy Leadership Award (2016)
ADCES Diabetes Care & Education Specialist of the Year (2021)

Associate Professor Michael Shanik MD, FACP, FACE – *United States*
Managing partner at Endocrine Associates of Long Island, PC
Clinical Associate Professor, Stony Brook University Hospital, New York

Dr Neil Skolnik MD – *United States*
Professor of Family and Community Medicine, Sidney Kimmel Medical College,Thomas Jefferson University
Associate Director, Family Medicine Residency Program Jefferson Health

Professor Merlin Thomas MBChB, PhD, FRACP, FAAHMS – *Australia*
Nephrologist, scientist and program leader, the Department of Diabetes, Monash University
Founder and Chief Scientific Officer, RAGE Biotech Ltd

Dr Alexander Turchin MD, MS – *United States*
Director of quality for the division of endocrinology, Brigham and Women's Hospital, Boston
Associate Professor of Medicine, Harvard Medical School
Fellow of the American College of Medical Informatics

Ms Hope Warshaw MMSc, RD, CDCES, BC-ADM, FADCES – *United States*
Registered Dietician, Certified Diabetes Care and Education Specialist
President of the ADCES 2016 & Chair of the Academy's Foundation 2022-2023

PromarkerD - Patented in all Major Markets

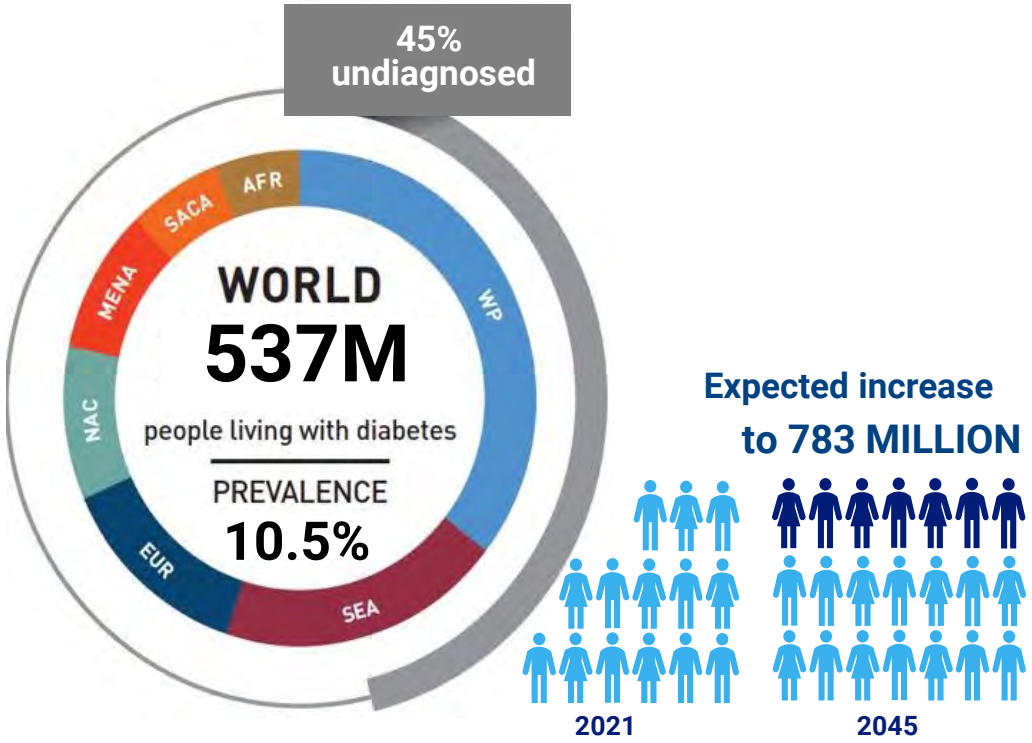
ASX: PIQ

Diabetic Kidney Disease is becoming one of the largest burdens on healthcare systems globally

Patent family & Trademark covers 72% of world's diabetics[1]

Country	Patent/Application No	Patent Status	No. Diabetics[1]
Australia	2011305050	Granted	1,491,800
Brazil	BR112013006740	Granted	15,733,600
Canada	2811654	Granted	2,974,000
China	ZL201180053583.9	Granted	140,869,600
Europe[2,3]	3151012	Granted	61,425,100
Hong Kong	18115912.3	Granted	686,000
India	3012/DELNP/2013	Granted	74,194,700
Indonesia	W00 2013 01585	Granted	19,465,100
Japan	2013-528474	Granted	11,005,000
Russia	2596486	Granted	7,392,100
Singapore	188527	Granted	711,800
USA[2,4]	US 9,146,243	Granted	32,215,300
			~368 million Total

1. International Diabetes Federation (IDF) Atlas 10th Edition 2021 [Age group 20-79 years]
2. Australia, Europe, HK, USA patent family also covers testing for any form of kidney disease (Extra efficacy studies required)
3. Covers France, Germany, Italy, Spain, Turkey and the United Kingdom
4. USA patent further extended to cover method for identifying drugs for abnormal kidney function using one of the PromarkerD biomarkers (CD5L)

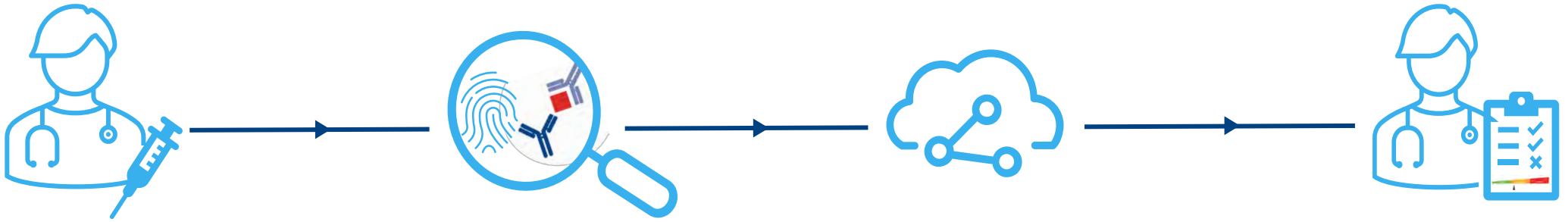


Market assumptions

- Test is performed **once per year per patient** on average
- Standard industry **royalty rates range from 5-15%**

PromarkerD – Simple Integration & Use

ASX: PIQ



Blood sample drawn

Sample is drawn at clinic or pathology laboratory

Biomarkers analysed

Laboratory uses a standard technology platform

Advanced rapid immunoassay measures three plasma proteins -

combined with
three simple clinical factors (age, cholesterol, eGFR)

CE Mark registered

Manufactured to ISO 13485 standard in Europe

Results generated by PromarkerD Hub software

Cloud based algorithm, the "PromarkerD Hub" calculates the patient's kidney disease risk score

Employs a traffic light system for optimal performance, classifies patients as:

- low risk
- moderate risk
- high risk

Results and intervention plan delivered

Clinician delivers results to patient

Depending on results, intervention may include:

- change of lifestyle; and/or
- therapeutic drugs
  - SGLT2-inhibitor
  - GLP-1 agonist

PromarkerD – Results & Intervention

ASX: PIQ

How PromarkerD results are delivered

Prognostic **16%** indicates a **moderate** risk of decline in kidney function*

Risk Score	Intervention	Testing Regimen
Low Risk	• Standard diabetes management	**Test Annually**
Moderate Risk	• More frequent monitoring • Optimisation of lifestyle • Review of glycemic targets and management • Review non-glycemic risk factors • Avoidance of potentially nephrotoxic drugs	**Test every 6 months**
High Risk	• Very close monitoring • Intensive management strategies based on those for 'Moderate risk' above • Utilisation of therapeutic drugs	**Test every 3 months**

*as defined by incident diabetic kidney disease (eGFR <60ml/min/1.73m^2) in the next four years. Note: if eGFR level at the time of the test is already <60ml/min/1.73m^2, then the risk of a further decline in kidney function is defined as an eGFR decline >30% in the next four years

PromarkerD in the Clinic

ASX: PIQ

Peer Reviewed

PromarkerD tested on **over 5,000 patients** in 4-year clinical studies

10+ Peer Reviewed Publications

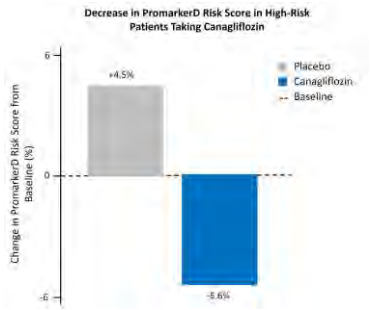
World leading results: janssen

- Global clinical study 3,568 participants from completed CANVAS clinical trial
- PromarkerD predicted 'incident DKD' high-risk patients **13.5 times more likely** than low-risk to develop DKD (P = $1.3x10^{-104}$)

[J. Clin. Med. (2020)]

- PromarkerD **high-risk patients show greatest benefit** from early use of SGLT2-inhibitor

[J. Clin. Med. (2023)]



Physician Support

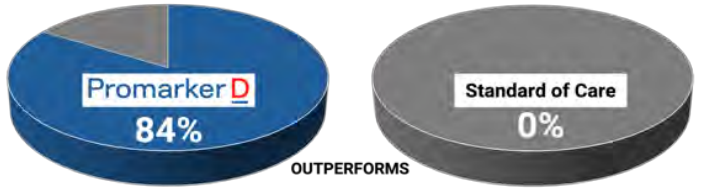
Survey of 400 Endocrinologists & Primary Care Physicians (US based)

- **96% of physicians** were likely to use PromarkerD test scores for clinical decision making
- PromarkerD consistently ranked as **one of the top 2 factors** driving physician decision-making:
  - monitoring frequency
  - use of anti-inflammatories
  - prescribing SGLT2s
  - ACE inhibitor dosing

[PLOS One (2022)]

Outperforms Standard of Care

- 857 community based patients tested for existing DKD at baseline: 497 had normal kidney function
- 9% of patients developed DKD within 4 years:
  - PromarkerD accurately predicted 84% (N=38)
  - All were missed by Standard of care tests *[ASN (2021)]*



PromarkerD compared to standard of care tests (eGFR and ACR) for predicting DKD

PromarkerD: Precision Medicine

ASX: PIQ

PromarkerD The Need

There is a significant and growing need for intervention for diabetic kidney disease (DKD) across the globe

Economic Cost

- Kidney Research UK have declared a public health emergency - by 2033 kidney disease risks costing the UK Economy £13.9 billion annually
- Kidney Health Australia found the annual cost of Chronic Kidney Disease in Australia was A$9.9 billion in 2021 – investment in early detection could yield a net benefit of $10.2 billion over 20 years

The Treatments

Patients identified as high-risk of DKD by PromarkerD now have multiple preventative treatment options:

Better management of diabetes

- Adherence to medications
- Focus on diet & exercise

New renal protective therapies

- Three **SLGT2-inhibitors** (empagliflozin, canaglifozin, dapagliflozin) have now been approved for treatment of DKD
- **GLP-1 agonist semaglutide (Ozempic)** trial for DKD shows treatment is renal protective

The Utility

Complementary diagnostic

Early diagnosis of DKD using PromarkerD can help inform doctors' treatment decisions to improve clinical outcomes for patients:

- High-risk patients for kidney decline can be prescribed renal-protective medications such as SLGT2i or GLP-1ag
- Low-risk patients can avoid aggressive treatment options
- Monitor response and change dosage or drug type if required

Actions taken **BEFORE the onset of DKD**

Kidney Research UK. Kidney disease: A UK public health emergency;
Kidney Health Australia. Deloitte Access Economics report: Changing the chronic kidney disease landscape
Investor.lilly.com/news-releases; www.novonordisk.com/news-and-media

PromarkerD: Key Publications

ASX: PIQ

PromarkerD Demonstrates Benefit of Early Treatment with SGLT2-inhibitors	Peters KE, et al. Canagliflozin Attenuates PromarkerD Diabetic Kidney Disease Risk Prediction Score. J Clinical Medicine. 2023.
Clinical Utility	Fusfeld L, et al. Evaluation of the clinical utility of the PromarkerD in-vitro test in predicting diabetic kidney disease and rapid renal decline through a conjoint analysis. PLOS ONE. 2022.
PromarkerD vs Standard of Care	Peters KE, et al. A Comparison of PromarkerD to Standard of Care Tests for Predicting Renal Decline in Type 2 Diabetes. Poster presented at ASN Kidney Week. 2021.
Economic Health Benefit	Burchenal W, et al. Demonstrating the Economic Health Benefit of using the PromarkerD In Vitro Diagnostic Test in the Prediction of Diabetic Kidney Disease. Poster presented at the American Diabetes Association's 81st Scientific Sessions. 2021.
Global Multi-centre Validation	Peters KE, et al. PromarkerD Predicts Renal Function Decline in Type 2 Diabetes in the Canagliflozin Cardiovascular Assessment Study (CANVAS). Journal of Clinical Medicine. 2020.
Predicts Late-stage Renal Function Decline	Peters KE, et al. PromarkerD Predicts Late-Stage Renal Function Decline in Type 2 Diabetes in the Canagliflozin Cardiovascular Assessment Study (CANVAS). Poster presented at ADA. 2022.
Prognostic Validation	Peters KE, et al. Validation of a Protein Biomarker Test for Predicting Renal Decline in Type 2 Diabetes: The Fremantle Diabetes Study Phase II. J Diab Comp. 2019.
Prognostic Development	Peters KE, et al. Identification of Novel Circulating Biomarkers Predicting Rapid Decline in Renal Function in Type 2 Diabetes: The Fremantle Diabetes Study Phase II. Diabetes Care. 2017.
Diagnostic Study	Bringans SD, et al. Comprehensive Mass Spectrometry Based Biomarker Discovery and Validation Platform as Applied to Diabetic Kidney Disease. EuPA Open Proteomics. 2017.
Cross-platform Validation	Bringans SD, et al. The New and the Old: Platform Cross-Validation of Immunoaffinity MASS Spectrometry versus ELISA for PromarkerD, a Predictive Test for Diabetic Kidney Disease. Proteomes. 2020.
Cross-over Validation	Bringans SD, et al. A Robust Multiplex Immunoaffinity Mass Spectrometry Assay (PromarkerD) for Clinical Prediction of Diabetic Kidney Disease. Clin Proteomics. 2020.