



Products Catalogue

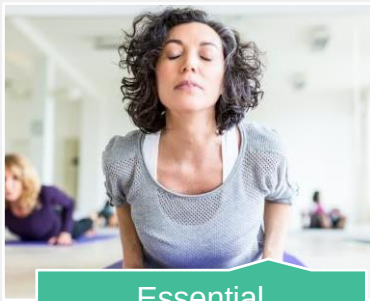
Precision in Regeneration – Excellence in Care



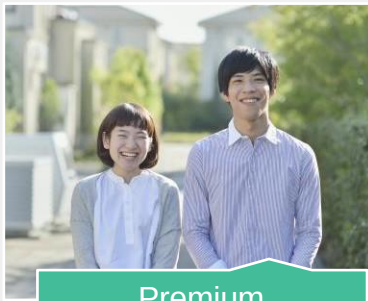
Products & Services

Helps your clients to get insights that can understand their lifestyle and intervention options.

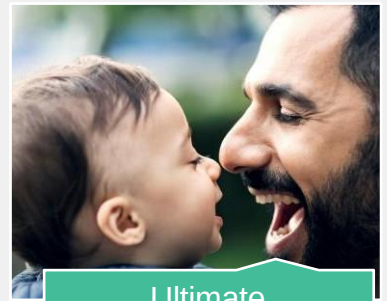
Prevention



Essential
DNA Test



Premium
DNA Test



Ultimate
DNA Test



Epigenomics Test



CancerScreen™



Newborn Screening



Pharmacogenomics



Gut Health



Essential DNA Test

Discover what your DNA blueprint has to say about your well-being and how your genes can influence certain lifestyle choices.



Essential DNA Test

BENEFITS

- To determine your lifestyle patterns such as personality, sleep patterns, allergies, food intolerances, and adverse drug reactions to improve your general well-being.

TESTED CATEGORIES

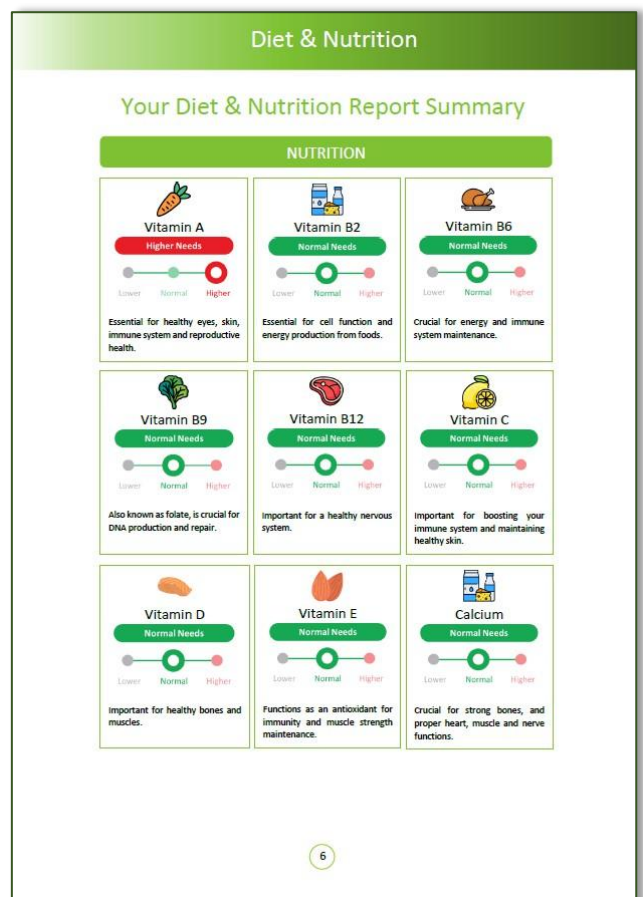
- ≥ 700 conditions that covers the area of Diet & Nutrition, Fitness, Lifestyle, Personality, Allergy, Skin, and Drug Responses.

TEST DETAILS

- Specimen type: > 2mL of saliva sample (adult) / buccal swab (child).
- TAT: 14-21 working days.

DELIVERABLES

- Sample Processing and Data Analysis.
- PDF report in softcopy (Additional charge for hardcopy printing).
- One complimentary report consultation session.



Sample Report

APPLICATIONS

- Optimise health: exercise, nutrition and sleep.
- Guided information when getting prescribed drugs.
- Nurture own talents and train different personality.



Premium DNA Test

Identify potential health risks for taking precautionary and preventive actions.



Premium DNA Test

BENEFITS

- To predict likelihood of developing certain conditions such as cancers, heart attack, diabetes and many more.
- To determine if the person is a carrier of any genetic predisposition genes that may pass on to the younger generation.

TESTED CATEGORIES

- ≥1,300 conditions across 13 disease categories, including cancer, cardiovascular, gastrointestinal, neurological, bone health, respiratory health, immune system, reproductive health, family planning, and others.

TEST DETAILS

- Specimen type: > 2mL of saliva sample (adult) / buccal swab (child).
- TAT: 14-21 working days.

DELIVERABLES

- Sample Processing and Data Analysis.
- PDF report in softcopy (Additional charge for hardcopy printing).
- One complimentary report consultation session.

APPLICATIONS

- Planning for pregnancy.
- Risk screening for all health conditions.
- Make informed lifestyle choices after knowing the genetic predispositions.

Family Planning	
Your Family Planning Report Summary	
FAMILY PLANNING	
17 Alpha-Hydroxylase/17,20-Lyase Deficiency due to CYP17A1 mutation	Negative
21-Hydroxylase Deficiency due to CYP21A2 mutation	Negative
3-Hydroxy-3-Methylglutaryl-CoA (HMG-CoA) Lyase Deficiency due to HMGCL mutation	Negative
3-Methylcrotonyl-CoA Carboxylase (3-MCC) Deficiency (MCCC1-related) due to MCCC1 mutation	Negative
3-Methylcrotonyl-CoA Carboxylase (3-MCC) Deficiency (MCCC2-related) due to MCCC2 mutation	Negative
Abetalipoproteinemia due to MTTP mutation	Negative
ACAD9 Deficiency due to ACAD9 mutation	Negative
Achromatopsia due to CNGB3 mutation	Negative
Acrodermatitis Enteropathica due to SLC39A4 mutation	Negative
Adenosine Deaminase Deficiency due to ADA mutation	Negative
Aicardi-Goutieres Syndrome due to SAMHD1 mutation	Negative
ALG6-Congenital Disorder of Glycosylation due to ALG6 mutation	Negative
Alkaptonuria due to HGD mutation	Negative
Alpha-1 Antitrypsin Deficiency due to SERPINA1 mutation	Negative
Alpha-mannosidosis due to MAN2B1 mutation	Negative
Alpha-thalassaemia due to HBA1/HBA2 mutation	Negative
Alpha-thalassaemia X-linked Intellectual Disability Syndrome due to ATRX mutation	Negative
Alport Syndrome due to COL4A3 mutation	Negative
Alport Syndrome due to COL4A4 mutation	Negative

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Sample Report



Ultimate DNA Test

Decodes your entire genome to accurately identify all genetic risks that affects you and may pass to your loved ones.



Ultimate DNA Test

BENEFITS

- To determine if a person is a carrier of any hereditary conditions, such as hereditary breast cancer, cystic fibrosis, blood disorders, eye diseases, and other genetic diseases that may be passed on to younger generations.
- Read 100% of your genome.

TESTED CATEGORIES

- ≥ 1,700 conditions that covers a total of 30 disease categories including Cancer, Cardiovascular, Genetic Blood Disorders, Immune System Disorders, Skin, Endocrine, Eye Diseases, Renal Diseases and more.

TEST DETAILS

- Specimen type: > 2mL of saliva sample (adult) / buccal swab (child).
- TAT: 14-21 working days.

DELIVERABLES

- Sample Processing and Data Analysis.
- PDF report in softcopy (Additional charge for hardcopy printing).
- One complimentary report consultation session.

APPLICATIONS

- Find out all inherited genetic risks.
- Make informed lifestyle choices to reduce or slow down the disease risks.
- Better family planning.

Hereditary Diseases			
Hereditary Diseases*			
Discover if you are a carrier of any of the most common inherited conditions that may affect your health or your future family.			
3 POSITIVE variants identified.			
Gene	Variant	Zygosity	Condition(s)
NF1	c.7638del (p.Lys2547_Met2548InsTer)	Heterozygous	• Breast cancer • Gastric cancer • Hereditary paraganglioma/ pheochromocytoma • Myelodysplastic Syndrome/Leukaemia • Nervous system/Brain cancer • Pancreatic cancer • Paediatric haematologic malignancies • Paediatric nervous system/brain tumours • Sarcoma • Familial Gastrointestinal Stromal Tumour (GIST) Syndrome • Neurofibromatosis Type 1 (NF1) • Cardiomyopathy • RASopathies and Noonan Spectrum Disorders • Legius Syndrome
CFH	c.1204c (p.His402=)	Heterozygous	• Atypical Haemolytic Uremic Syndrome and Thrombotic Microangiopathies • Primary Immunodeficiency • Nephrotic Syndrome and Focal Segmental Glomerulosclerosis (FSGS)
IL2RA	g.6122009T>A	Homozygous	• Autoinflammatory and Autoimmunity Syndromes • Hereditary Hemophagocytic Lymphohistiocytosis (HLH) Disorders • Monogenic Inflammatory Bowel Disease • Primary Immunodeficiency
What You Can Do Talk to a Genetic Counsellor or your healthcare provider for a more thorough explanation about the inherited conditions.			
*Please note that this information is not meant to be used for disease diagnosis, treatment or prevention.			
● Negative ● Positive (Heterozygous) ▲ Positive (Homozygous)			
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Sample Report



Epigenomics

*Identify early signs of diseases,
even before symptoms appear.*



Epigenomics

BENEFITS

- To predict likelihood of developing certain conditions such as cancer, heart diseases, dietary needs.
- To tailor treatments and improve treatment effectiveness.
- To enable timely preventative measures or treatments to be administered.

TESTED CATEGORIES

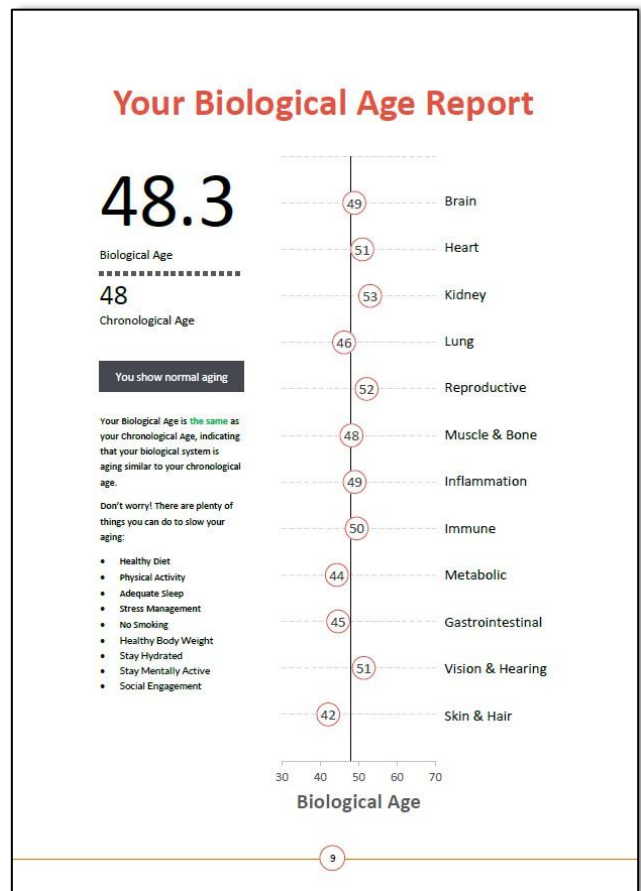
- ≥ 230 conditions that covers the area of Biological Age, Nutrition, Fitness, Lifestyle, Aging, Diseases, and Toxins.

TEST DETAILS

- Specimen type: ≥ 10ml of blood sample.
- TAT: 14-21 working days.

DELIVERABLES

- Sample Processing and Data Analysis.
- PDF report in softcopy (Additional charge for hardcopy printing).
- One complimentary report consultation session.



Sample Report

APPLICATIONS

- Monitoring treatment and intervention response.
- Disease risk assessment (eg: cancer, cardiovascular, neurological disorders).
- Environmental and lifestyle effects.



CancerScreen™

Detect any cancer DNA signal in an individual, with a simple blood draw.



CancerScreen™

BENEFITS

- To detect more than 80 types of cancers at stage I-IV with a simple, non-invasive blood draw.
- To determine the cancer risk of an individual at the time of measurement.

TEST DETAILS

- Specimen type: ≥ 20 ml of blood sample (EDTA/cfDNA tube).
- TAT: 7-14 working days.
- Test Method: Cell-Free DNA (cfDNA) Liquid Biopsy.

TESTED CATEGORIES

- ≥ 80 cancer types including Breast, Lung, Colorectal, Pancreatic, Prostate, Ovarian, Gastric, Brain, Liver, Leukemia, And Skin Cancers.

DELIVERABLES

- Sample Processing and Data Analysis.
- PDF report in softcopy (Additional charge for hardcopy printing).
- One complimentary report consultation session.

APPLICATIONS

- Cancer risk assessment.
- Early cancer detection.
- Monitoring treatment and intervention response.

CancerDetect™ Multi-Cancer Early Detection Test Report

Patient	Sample	Ordering Physician
Name: -	Sample ID: -	Name: Dr- -
Patient ID: -	Collection Date: -	NSR No: -
MRN: -	Results Generation Date: -	Address: -
DOB/Age: -	Report Release Date: -	Phone: -
Bio Sex: -		Fax: -
Email: -		Email: -

Cancer Signal **Detected**

Cancer assessment should be carried out. It is important to note that not all individuals with this result may necessarily have cancer.

Predicted Signal Source

Endometrial Cancer

Signal Origin(s)	Genomics Findings	Frequency
Endometrial	PALB2 c.1931delG p.G644fs*16	Loss 2.88%
Melanoma	CHEK2 c.320-52_407del	Loss 0.66%
Bladder	BRCA2 c.5351delA p.N1784fs*7	Loss 0.54%
Ovarian	BRCA2 c.8940delA p.E2981fs*7	Loss 0.53%
	BRCA2 c.4593delA p.V1532fs*11	Loss 0.50%

This chart displays the score of the top signal origin(s) predicted by the test, suggesting the likely location of the cancer signal (including if multiple origins are detected, by probability of likelihood). This chart does not provide an indication of the overall likelihood of cancer.

Note:

Loss Loss-of-function mutation
Gain Gain-of-function mutation

Sample Report



Newborn Metabolic Screening

Identify asymptomatic metabolic or genetic disorders at birth that may lead to severe health issues if left untreated.



Newborn Metabolic Screening

BENEFITS

- Comprehensive newborn metabolic screening.
- Detect metabolic disorders as early as possible, in order to have early diagnosis and treatment.
- Non-invasive test with simple buccal swab.

TEST DETAILS

- Specimen type: buccal swab
- TAT: 7-14 working days.
- Test Method: Whole Exome Sequencing (WES).

TESTED CATEGORIES

- 50-130 metabolic and genetic disorders including Biotinidase Deficiency (BTD), Cystic Fibrosis (CF), Gucoose-6-phosphate dehydrogenease deficiency (G6PD), Phenylketorunia (PKU) and many more.

DELIVERABLES

- Sample Processing and Data Analysis.
- PDF report in softcopy (Additional charge for hardcopy printing).
- One complimentary report consultation session.

PAGE 15	
Your Metabolic Screening Report	
Metabolic Screening	
2-Methylbutyryl-CoA Dehydrogenase Deficiency (2VGB/SBCAD)	Negative
3-Hydroxy Long Chain Acyl-CoA Dehydrogenase Deficiency (LCHAD)	Negative
3-Hydroxy-3-Methylglutaryl-CoA Lyase Deficiency (HMG)	Negative
3-Methylcrotonyl-CoA Carboxylase Deficiency (3MCC)	Negative
3-Methylglutaconyl-CoA Hydratase Deficiency (3MGA)	Negative
3-Methylglutaconyl-CoA Hydratase Deficiency (3MGA) Glutaric Acidemia Type I (GA-I)	Negative
3-Methylglutaconyl-CoA Hydratase Deficiency (3MGA) Malonic Aciduria (MA)	Negative
Argininemia (ARG)	Negative
Arginosuccinate Lyase Deficiency (ASA Lyase)	Negative
Benign Hyperphenylalaninemia (H-PHE)	Negative
Biotinidase deficiency (BTD)	Negative
Carnitine / Acylcarnitine Translocase Deficiency (CACT)	Negative
Carnitine Palmitoyl Transferase Deficiency Type I (CPT-I)*	Negative
Citrullinemia Type I (ASA Synthetase)	Negative
Congenital Adrenal Hyperplasia (CAH)	Negative
Congenital Hypothyroidism	Negative
Cystic Fibrosis (CF)	Negative
Defects of Biotpterin Cofactor Biosynthesis (BIOPT BS)	Negative
Fabry disease	Negative
Galactosemia	Negative
Glucose-6-phosphate dehydrogenase deficiency (G6PD)	Negative
Hemoglobinopathies	Negative
Hypermethioninemia (MET)	Negative
Hyperphenylalaninemia (HPA)	Negative
Isobutyryl-CoA Dehydrogenase Deficiency (IBG)	Negative

Sample Report

OPTIONS

- Newborn Metabolic Screening – Basic (50 traits).
- Newborn Metabolic Screening – Comprehensive (130 traits).



Pharmacogenomics (PGx)

Identify potential adverse reactions in advance, enhances the safety and effectiveness of medication.



Pharmacogenomics (PGx)

BENEFITS

- Comprehensive PGx screening.
- To personalize medical treatment.
- To tailor drug selection and dosages to an individual's genetic profile.

TESTED CATEGORIES

- ≥600 drugs across 21 health categories including Allergy, Pain, Cancer, Central Nervous System, Respiratory, Gynecology & Obstetrics, Steroids, Rheumatology and many more.

TEST DETAILS

- Specimen type: > 2ml of saliva sample (adult) / buccal swab (child).
- TAT: 14-21 working days.

DELIVERABLES

- Sample Processing and Data Analysis.
- PDF report in softcopy (Additional charge for hardcopy printing).
- One complimentary report consultation session.

APPLICATIONS

- Optimising medication selection.
- Individualized dosage adjustments.
- Reducing adverse drug reaction.
- Improving treatment efficiency.

Drug Response				
Your Drug Response Report Summary				
Category	Use as Directed	Use at Higher Dose	Use at Lower Dose	Use with Caution
Allergy	Medicine Nedocromil		Fexofenadine Mizolastine	Desloratadine
Autoimmune	Amifampridine phosphate	Adalimumab	Certolizumab pegol	Azathioprine
	Mycophenolate mofetil	Mycophenolic acid	Cyclosporine	Sirolimus
	Siponimod	Tumor necrosis factor alpha (TNF-alpha) inhibitors	Dimethyl fumarate	
	Upadacitinib		Eclicumab Etanercept Infliximab Tacrolimus	
Blood Disease	Antithrombotic agents	Deferasirox	Folic acid	
	Avatrombopag Deferiprone			
Bone Health	Zoledronate	Alendronate	Clodronate	
		Bisphosphonates	Etidronic acid	
			Pamidronate	
			Risedronate Tiludronate	
Cancer	Axitinib	ABT-751	Cladribine	Anastrozole
	Belinostat	Beliractumab	Doxorubicin	Asparaginase
	Bisimemetinib	Cetuximab	Diffuseoxydine	Everolimus
	Bortezomib	Epirubicin	Erlotinib	Radiotherapy
	Bussufan	Gefitinib	Imatinib	Temozolimus
	Capecitabine	Gemcitabine	Mercaptopurine	Vincristine
	Carboplatin	Hydronurea	Mitotane	Vindesine
	Cisplatin	Melphalan	Mitoxantrone	
	Cyclophosphamide	Methotrexate	Oxaliplatin	
	Cytarabine	Nilotinib	Pegaspargase	
	Dabrafenib	Pacitaxel	Photodynamic therapy	
	Dasatinib	Rasburicase	SN-38	
	Docetaxel	Panitumumab	Sorafenib	
	Doxorubicin	Pazopanib	Sunitinib	
	Egfr inhibitors	Pemetrexed	Tamoxifen	
	Endoxifen	Platinum	Taxanes	
	Erdafitinib	Platinum compounds	Tegafur	
	Etoposide	Purine analogues	Tipifarnib	
	Everemestane	Rituximab	Trametinib	
	Fludarabine	Rucaparib	Temozolomide	
	Fluorouracil	Sactuzumab govitecan- HZIV	Thioguanine	
	Gemtuzumab ozogamicin	Salicylic acid	Thiopeta	
	Ibrutinib	Sulfadione	Tipiracil hydrochloride	
	Idarubicin	Tasotumab	Tocilizumab	
	Irinotecan	Ustekinumab	Topotecan	
	Letrozole	Vinorelbine	Trifluridine	
	Leucovorin		xx-469	



Gut Microbiome Test

Identify imbalances in intestinal microorganisms to inform dietary and lifestyle changes, promoting optimal gut health and overall well-being.

Gut Microbiome Test

BENEFITS

- A good gut health monitoring tool.
- To identify good and bad microbiome inside the gut.
- To optimize gut health by adjusting diet and nutrition plan.

TESTED CATEGORIES

- ≥30 reports that focus on Gut Microbiome Composition, Diet & Nutrition And Disease Risks.

TEST DETAILS

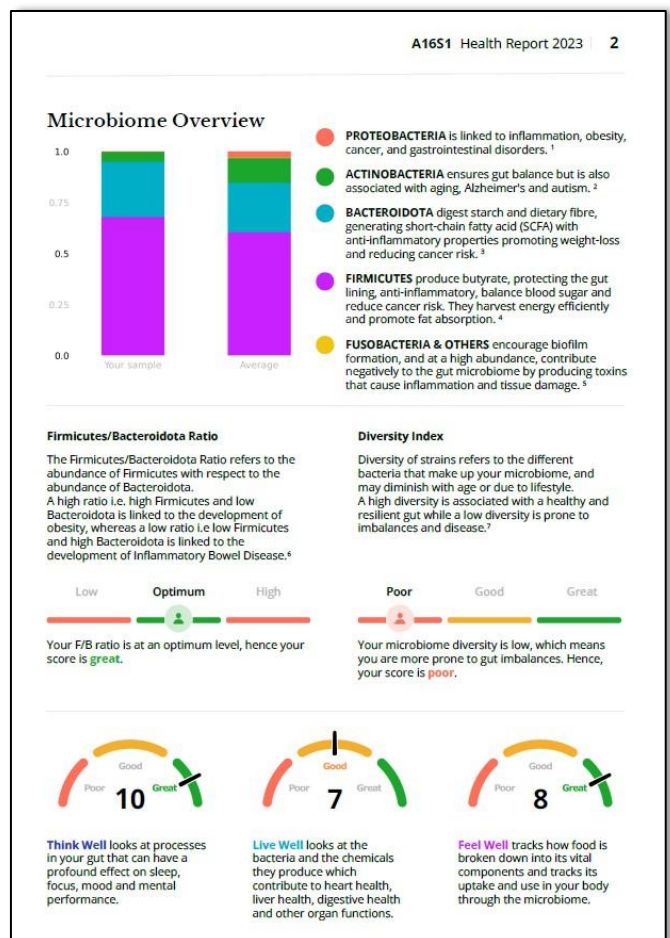
- Specimen type: Stool sample.
- TAT: 14-21 working days.

DELIVERABLES

- Sample Processing and Data Analysis.
- PDF report in softcopy (Additional charge for hardcopy printing).
- One complimentary report consultation session.

APPLICATIONS

- Monitoring gut health condition.
- Optimising diet and nutrition plan.
- Probiotics and Supplements choices.



Sample Report

About P.E.S. RegenMed

P.E.S. RegenMed Co., Ltd. (P.E.S.) is a pioneering company in regenerative medicine, high-quality medical staffing, and medical resort management consulting. We are committed to providing advanced healthcare solutions to enhance service quality in Vietnam and globally.

Cooperated with the latest world-leading technology platforms and professional scientific staff, P.E.S. RegenMed is dedicated to assisting our client with accelerating the precision medicine research and cancer diagnostics. NGS is a critical tool as it provides individual patient the genomic information, which could be used to tailor therapy. P.E.S. RegenMed integrates advanced technologies in NGS, microarray and big data analytics platforms to offer the most in-depth genomics data analysis. These tests are useful in finding genetic variants which assist in understanding, diagnosing and treating human disease. Our goal is to help solve the mysteries of how diseases are induced by genetics and epigenetics, and eventually facilitating the advancement of precision medicine.

Collaborate with us

We provide access to the world's most advanced sequencing facility, no matter how large or small your organization is or where you are located in the world. Our commitment is to provide a simple, seamless experience.

1. Core Products

Our products and services represent the output of our collective experience, providing the highest quality, utility, and reliability to drive genomic discovery.

2. Custom Solutions

Our custom content products and complementary services provide tailored, end-to-end solutions for discovery and clinical research.

3. Deep Scientific Collaborations

Our expertise can be leveraged to build novel tools and technologies to expand the boundaries of what is possible.

P.E.S. RegenMed Co.,. Ltd.

Clinical Genomics Service



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Confidentiality

All customer information is held strict confidence. All materials and information sent to us and the products produced by us for the order are the property of the customer and will be returned to the customer or discarded in a confidential manner. We only archive customer materials when instructed to.

