

# SOLGENT COMPANY PORTFOLIO

We guarantee  
Your turn to test

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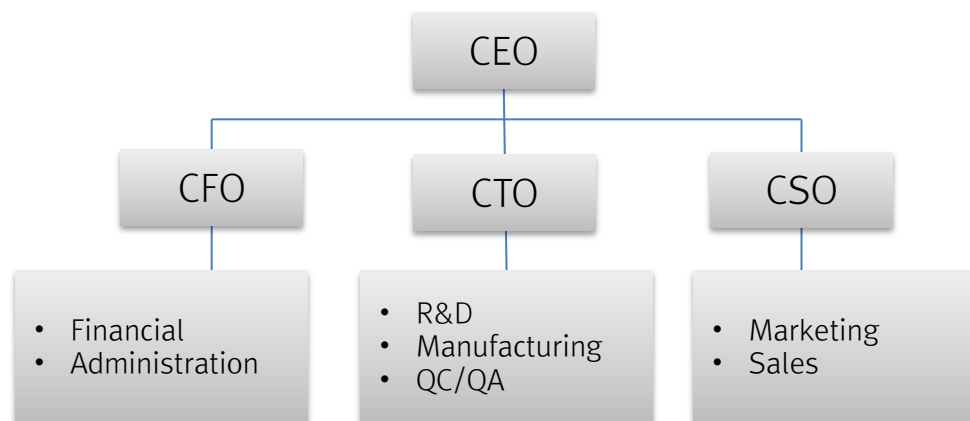
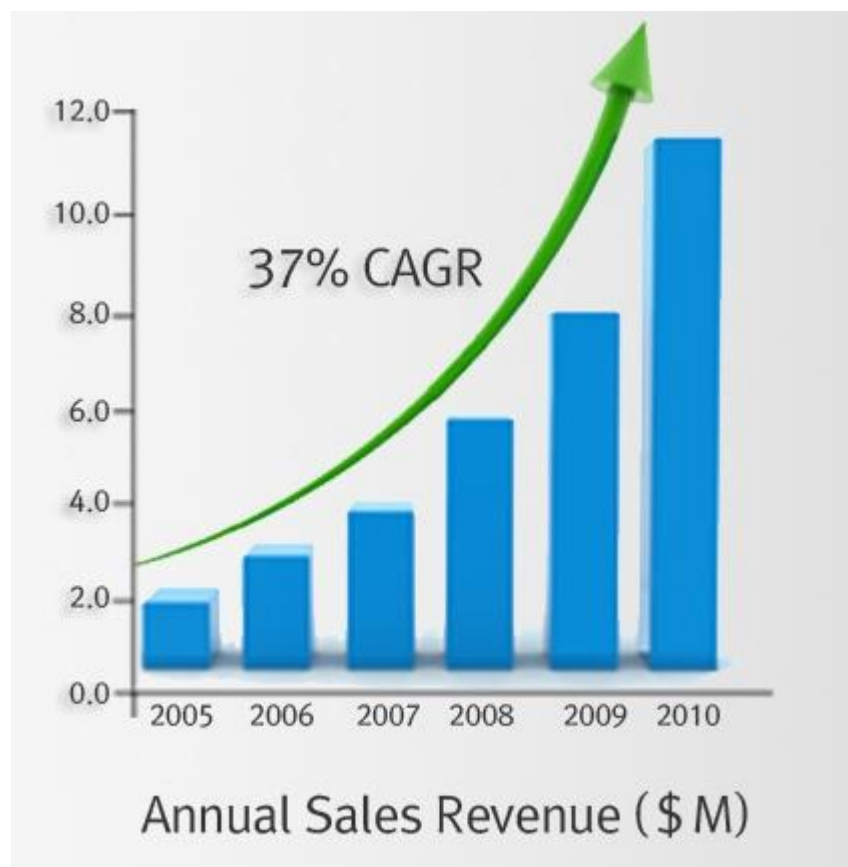
# COMPANY INTRODUCTION

- Year of Establishment: 2000
- Number of Employees: 70
- Sales Revenue: USD 10M (as of 2012)
- Company Location: Deajeon, Korea (Head Quarter /Mfg & R&D ctr.)

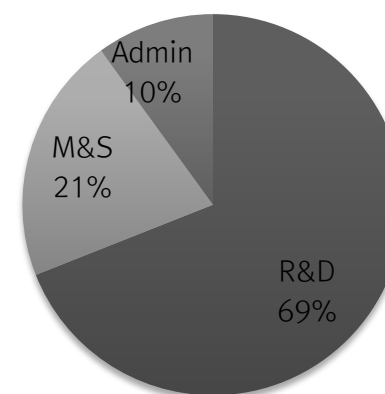


# COMPANY INTRODUCTION

- Our Vision: Top company in field of molecular diagnostics and life science



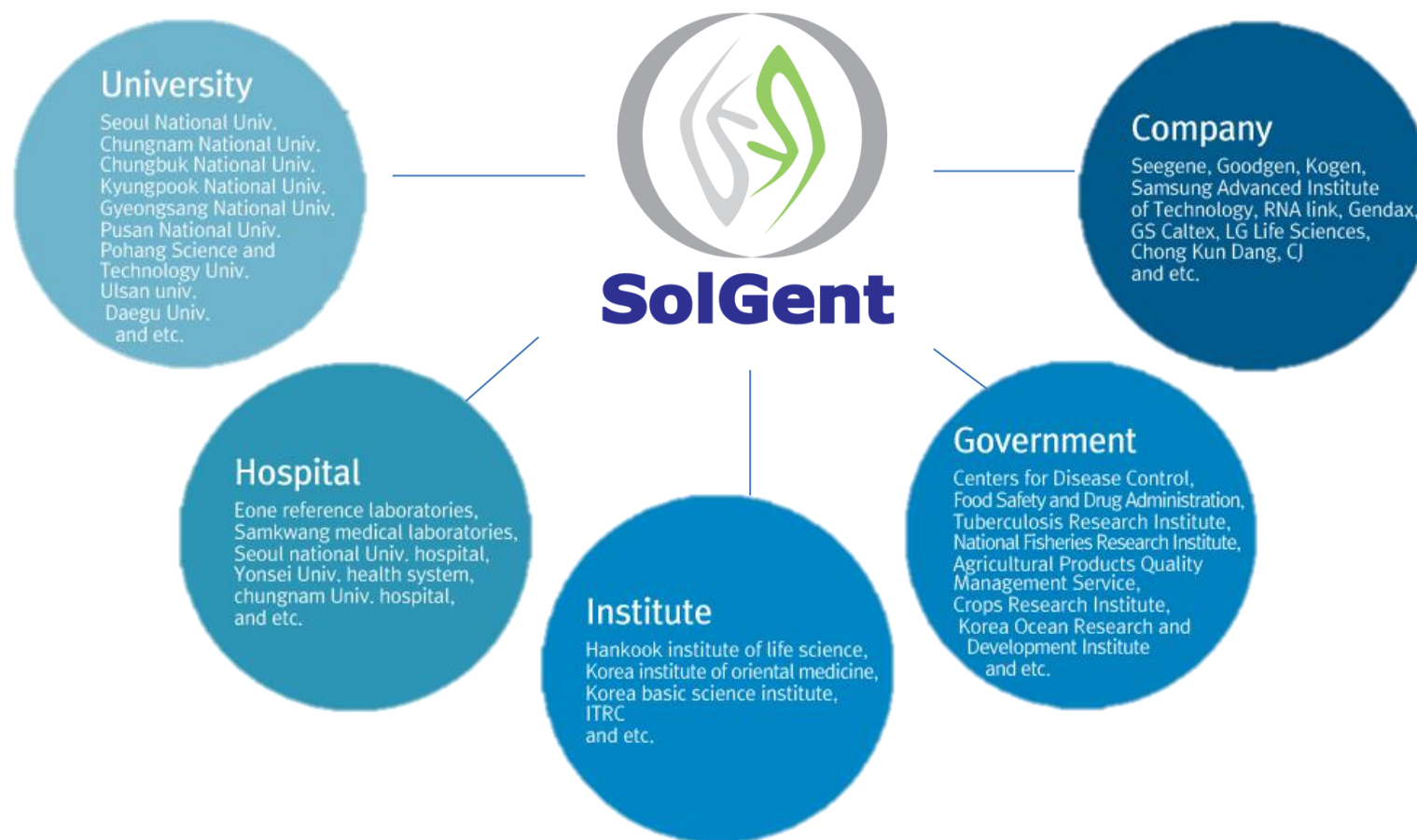
Composition of Employee





# COMPANY INTRODUCTION

- SolGent Domestic Partner



# COMPANY INTRODUCTION

- SolGent Global Partner



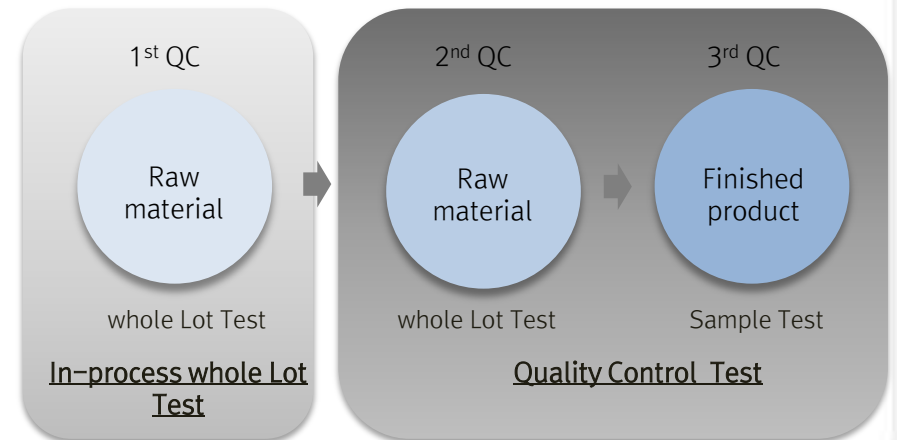
Country	Product range
Canada	Molecular biology
China	Molecular diagnostics
	Molecular biology
Japan	Genomic analysis service
Vietnam	Molecular diagnostics
Malaysia	Molecular biology
Philippines	Molecular diagnostics
India	Molecular biology
	Molecular diagnostics
	Genomic analysis service
Thailand	Molecular biology
	Genomic Sequencing Service
GCC (Gulf Corporation Country)	Molecular diagnostics
Middle East	Molecular biology
	Molecular diagnostics
	Genomic analysis service
Egypt	Genomic analysis service
	Molecular biology
Iran	Molecular biology
UK	Genomic analysis service
Germany	Molecular biology
Kenya	Molecular diagnostics

# COMPANY INTRODUCTION

- Following Global Standard: ISO9001:2008, ISO13485:2012, CE IVD
- Area of Specialization: molecular biological reagents, molecular diagnostic kits, genetic analysis & service



- [illegible]





# BUSINESS RANGE



## Molecular Diagnostic Kit

- Pathogen Detection Kit
- Genotyping Kit



## Molecular Biological Reagents

- PCR enzyme
- Nucleic acid purification
- Others (cloning kit, ligase, isothermal, UDG)



## Genetic Analysis

- Sequencing
- Genetic marker analysis

# BUSINESS RANGE: Molecular Diagnostic Kit



## Molecular Diagnostic Kit

- Pathogen Detection Kit
- Genotyping Kit

1. Platform: multiplex PCR (multiple targets detection available conventional PCR or real-time PCR) system

2. Advantage:

- ① Multiplex PCR (reducing of cost, labor and time by single reaction to detect multiple targets)
- ② Price competitiveness (in house manufacturing for raw material with our core technology for PCR enzymes)
- ③ Open system(usable all equipment in the market)
- ④ CE IVD certificate

3. Main products: TB, RV13, Influenza, CT/NT, Dengue, Malaria

# BUSINESS RANGE: Molecular Diagnostic Kit

- Product List

	Product	Cat. No.	Detection Method	Certificate
Infectious diseases	DiaPlexC™ MTC/NTM Detection Kit	SMD21-K100 SMD21-K020	Multiplex PCR	CE-IVD KFDA 13-64
	DiaPlexC™ MTB/M.bovis Detection Kit	SMD22-K100 SMD22-K020	Multiplex PCR	CE-IVD KFDA 13-54
	DiaPlexC™ M.Avium/M.Intracellular Detection Kit	SMD23-K100 SMD23-K020	Multiplex PCR	CE-IVD KFDA 13-849
	DiaPlexC™ Malaria Detection Kit	SMD35-K100 SMD35-K020	Multiplex PCR	CE-IVD KFDA 13-62
	DiaPlexC™ RV13 Detection Kit	SMD50-K100 SMD50-K020	OneStep Multiplex RT-PCR	CE-IVD KFDA 13-63
	DiaPlexC™ Influenza Virus A/B Detection Kit	SMD42-K100 SMD42-K020	OneStep Multiplex RT-PCR	CE-IVD
	DiaPlexC™ influenza Virus A subtype Detection Kit	SMD41-K100 SMD41-K020	OneStep Multiplex RT-PCR	
	DiaPlexQ™ Dengue Fever Detection Kit	SQD01-K100 SQD01-K020	Real-Time OneStep RT-PCR	CE-IVD KFDA 13-577
	DiaPlexC™ CT/NG Detection Kit	SMD93-K100 SMD93-K020	Multiplex PCR	
	DiaPlexQ™ CT/NG Detection Kit	SQD93-K100 SQD93-K020	Real-Time PCR	
Microbial Detection & Screening PCR Kit	DiaPlexC™ CRE Detection Kit	SMD71-K100 SMD71-K020	Multiplex PCR	CE-IVD
	DiaPlexC™ Mycoplasma Detection Kit	SMD61-K100 SMD61-K020	Multiplex PCR	
	DiaPlexC™ Bacteria Detection Kit	SMD62-K100 SMD62-K020	Multiplex PCR	
	DiaPlexC™ Fungi Detection Kit	SMD63-K100	Multiplex PCR	












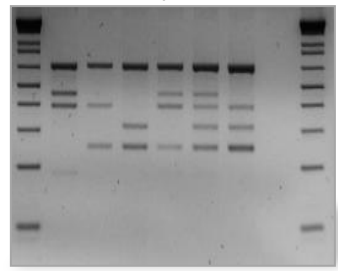
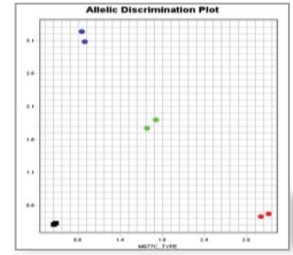
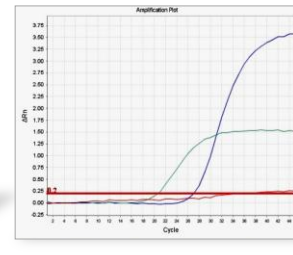
# BUSINESS RANGE: Molecular Diagnostic Kit

- Product List (continued)

	Product	Cat. No.	Detection Method	Certificate
Avellino Corneal Dystrophy	DiaPlexC™ Avellino Corneal Dystrophy (ACD) Genotyping Kit	SHG06-K100 SHG06-K020	Multiplex PCR	CE-IVD KFDA 13-48
	DiaPlexQ™ Avellino Corneal Dystrophy(ACD) Real-Time PCR Genotyping Kit	SQH26-K100 SQH26-K020	Real-Time PCR	CE-IVD KFDA 13-65
Alzheimer's disease	DiaPlexC™ Apolipoprotein E (ApoE) Genotyping Kit	SHG01-K100 SHG01-K020	Multiplex PCR	CE-IVD
	DiaPlexQ™ ApoE Genotyping Kit	SQH01-K100 SQH01-K020	Real-Time PCR	CE-IVD KFDA 13-800
MTHFR genotyping	DiaPlexC™ MTHFR Genotyping Kit	SHG31-K100 SHG31-K020	Multiplex PCR	CE-IVD KFDA 13-51
	DiaPlexQ™ MTHFR Genotyping Kit	SQH31-K100 SQH31-K020	Real-Time PCR	CE-IVD KFDA13-546
G6PD deficiency	DiaPlexC™ G6PD Genotyping Kit (Asian type)	SHG16-K100 SHG16-K020	Multiplex PCR	CE-IVD KFDA 13-134
	DiaPlexC™ G6PD Genotyping Kit (African type)	SHG11-K100 SHG11-K020	Multiplex PCR	CE-IVD KFDA 13-5133

# BUSINESS RANGE: Molecular Diagnostic Kit

- Brand Identity

	<i>DiaPlex</i>	<i>DiaPlexQ</i>
Detection Technology	 <p>Conventional Multiplex PCR</p>	 <p>Real-Time PCR</p>
Specimens	Nucleic acid (DNA or RNA)	Nucleic acid (DNA or RNA)
Compatible thermal cycler	     <p>Variti® ABI</p> <p>Mastercycler® pro Eppendorf</p> <p>S1000™ Bio-Rad</p> <p>MyGenie™ Bioneer</p> <p>PTC-200 MJ research</p>	    <p>iCycler iQ Bio-Rad</p> <p>7500 ABI</p> <p>LightCycler Roche</p> <p>Rotor-Gene Qiagen</p>
Result analysis	<p>Gel electrophoresis</p> 	<p>Allelic discrimination plot or amplification plot</p>  
Detection time	2 hr	30 min ~ 1hr 30 min



# BUSINESS RANGE: Molecular Biological Reagents



## Molecular Biological Reagents

- PCR enzyme
- Nucleic acid purification
- Others (cloning kit, ligase, isothermal, UDG)

1. Used for the purpose of diagnostics and research

2. Advantage:

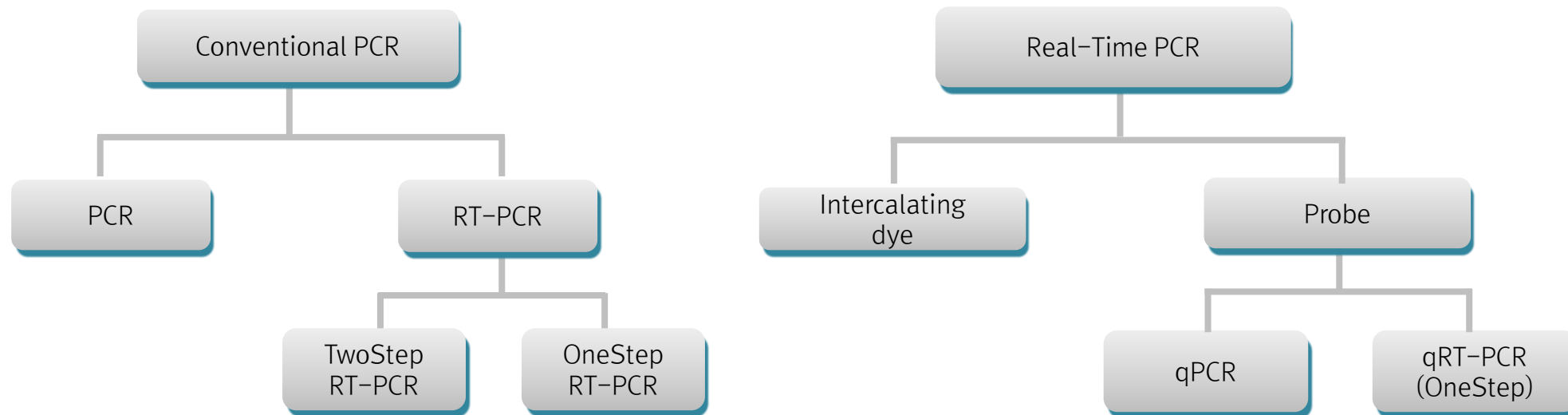
- ① High quality (not only purpose of research, use for diagnostics)
- ② Multiplex available system
- ③ Contamination free system
- ④ Price competitiveness
- ⑤ Open system
- ⑥ Full range for Molecular Biological Reagents

3. Main target: Molecular diagnostic manufacturing company, Hospital, University, Government organization

4. Competitor: Qiagen

# BUSINESS RANGE: Molecular Biological Reagents

- Product List: PCR enzyme



DnaFree™ h-Taq DNA Polymerase



DiaStar™ OneStep RT-PCR Pre-Mix



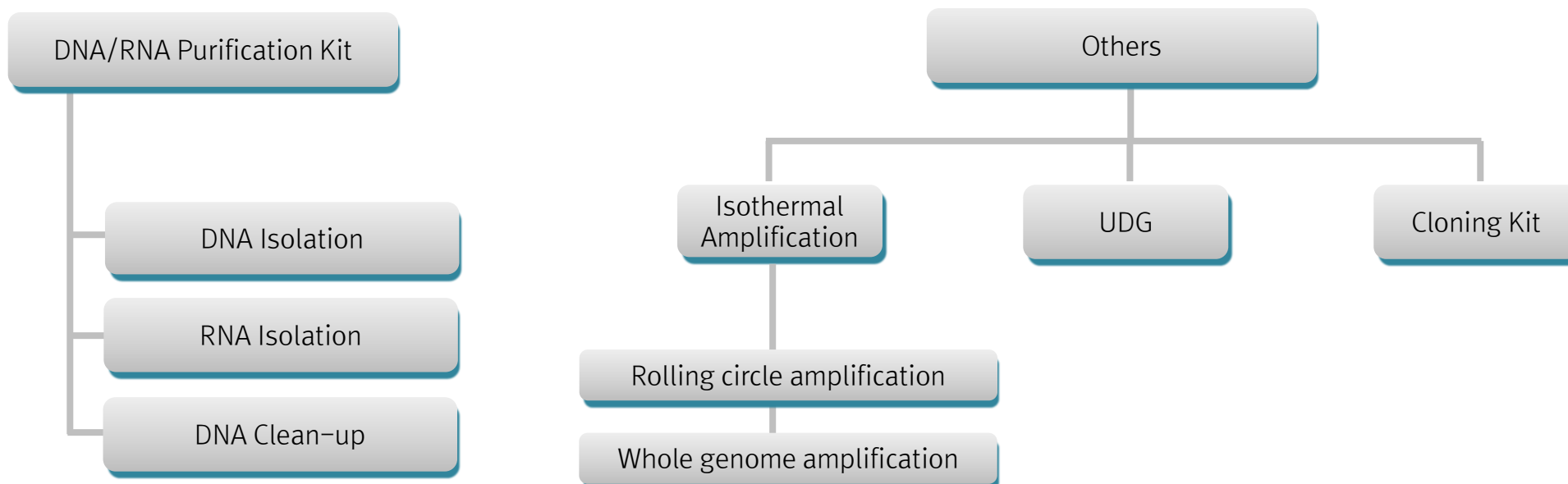
SolGent™ Real-Time PCR Kit



SolGent™ 2X Multiplex Real-Time PCR Smart mix for probe

# BUSINESS RANGE: Molecular Biological Reagents

- Product List: Nucleic acid preparation kit & others



SolGent™ Genomic DNA Prep Kit (Solution type)



SEQ-TempliGen™ RCA Kit



SolGent™ Uracil-DNA Glycosylase

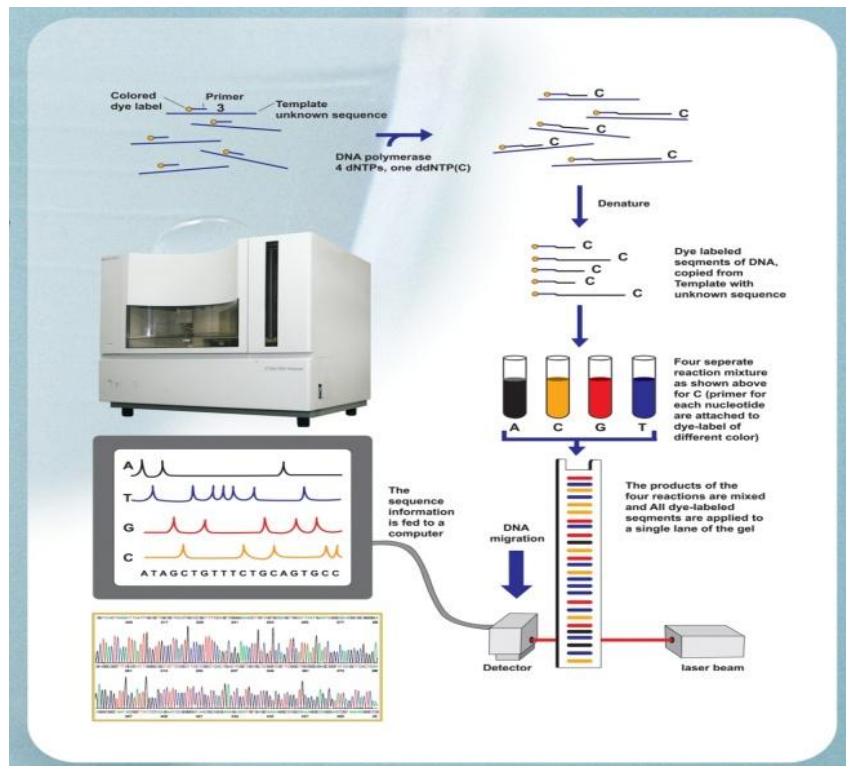


T-Blunt™ PCR Cloning Kit

# BUSINESS RANGE: Genetic Analysis



Genetic Analysis  
• Sequencing  
• Genetic marker analysis



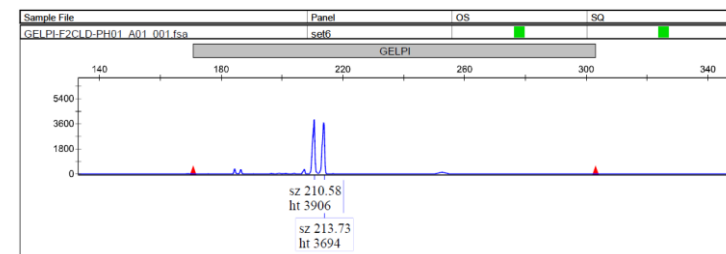
## ✓ Sanger Sequencing

• ABI 3730XL DNA Analyzer



## ✓ Genetic marker analysis

• ABI 3130XL Genetic Analyzer



# BUSINESS MODEL: Distributor

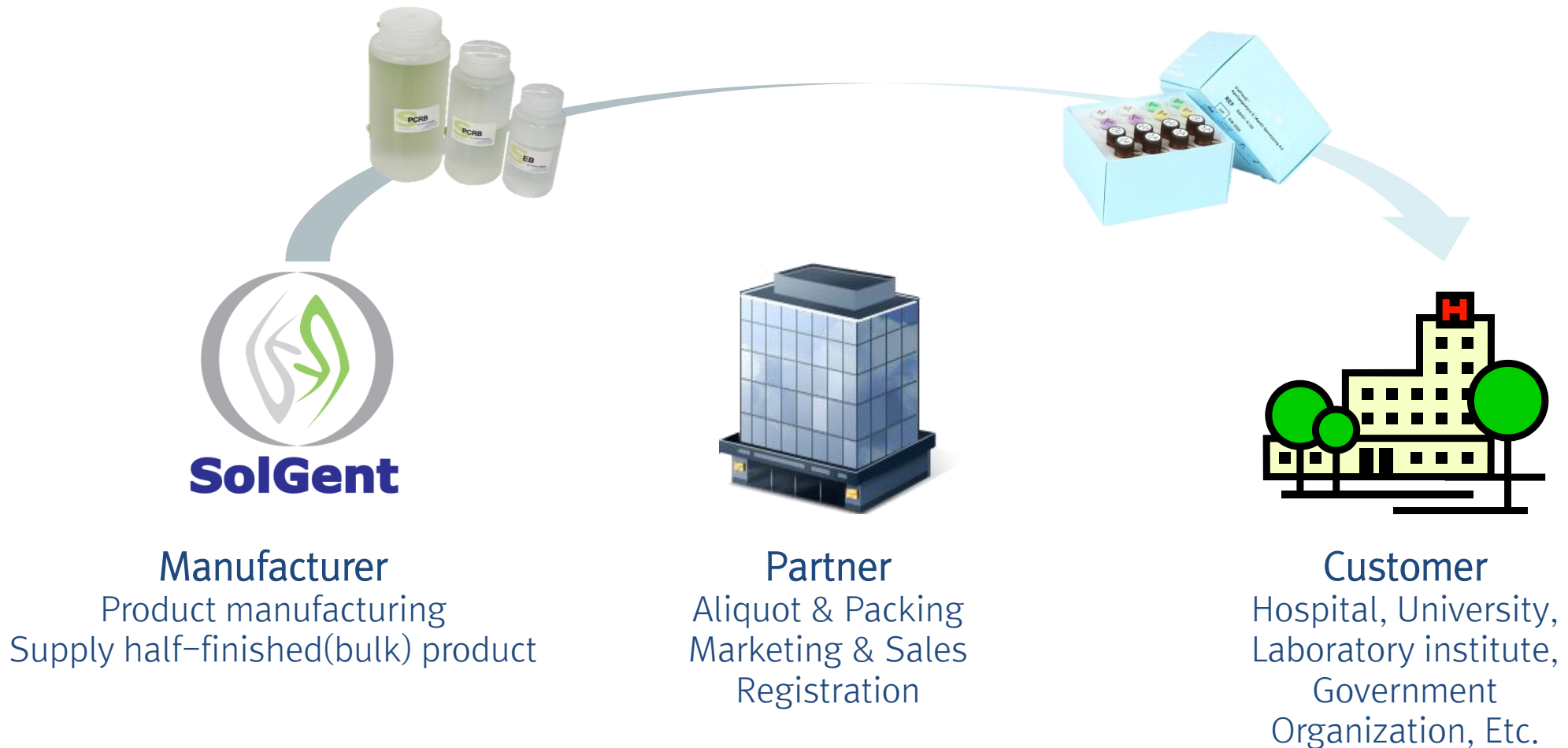
- Supply complete product to distributor





# BUSINESS MODEL: OEM

- Supply half-finished(bulk) product



# BUSINESS MODEL: Customized Product-1

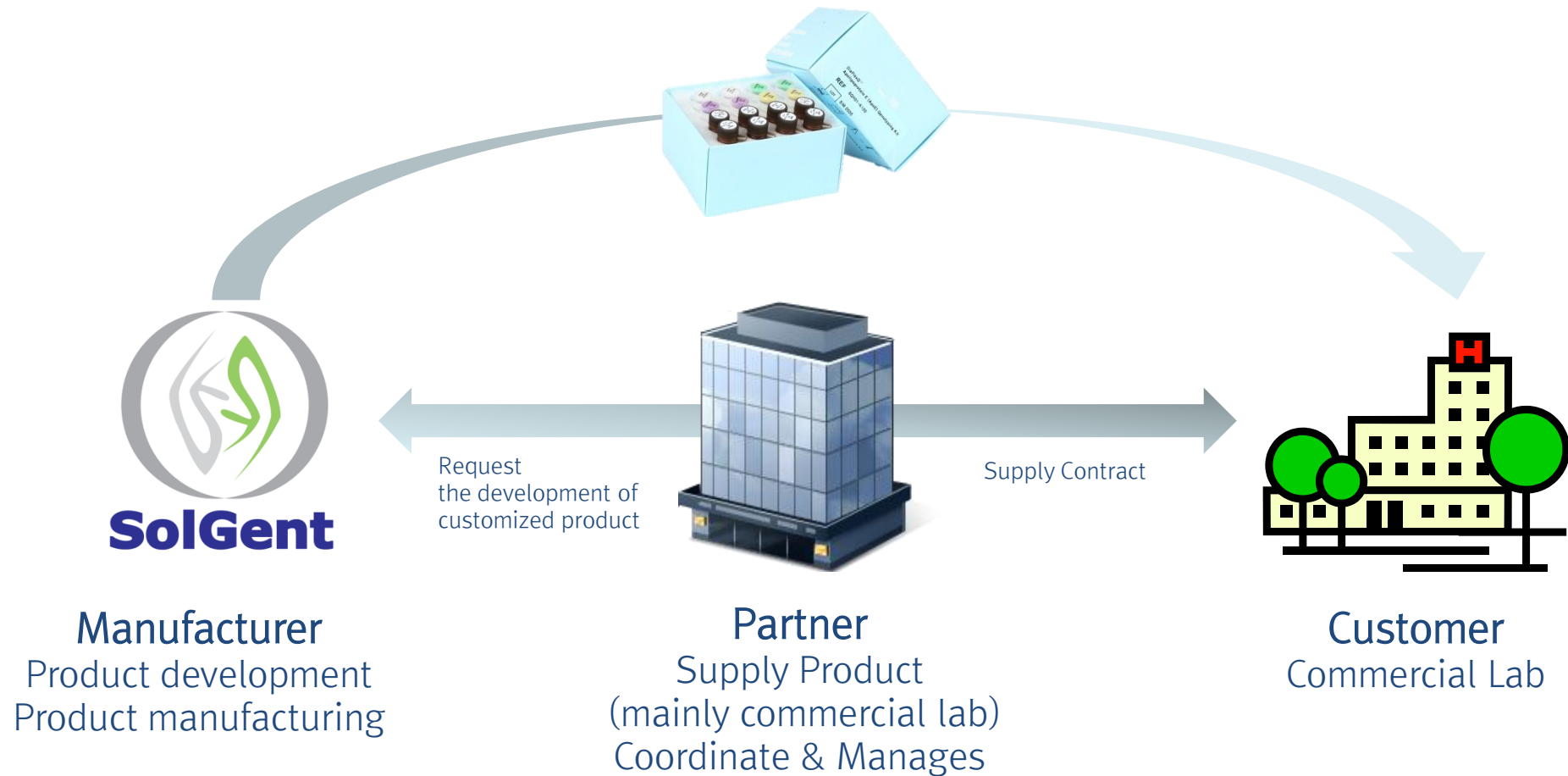
- Development & Supply of Customized Product



\* Sales forecasting or purchasing guarantee should be accompanied.

# BUSINESS MODEL: Customized Product-2

- Development & Supply of Customized Product (Commercial Lab)



# BUSINESS MODEL: Joint Venture

- Supply Technology

