

# ORDERING INFORMATION



New Code	Product Name	Methodology	Pack size	Shelf Life
<b>Diabetic Profile</b>				
93DP100-74	■ Glucose	GOD / POD	9 X 50 mL	18 Months
93DP100-80	■ Glucose	GOD / POD	10 X 100 mL	18 Months
93DP100-81	■ Glucose	GOD / POD	4 X 500 mL	18 Months
93LS100-75	● Glucose	GOD / POD	5 X 100 mL	18 Months
68TR653-40	● HbA1c Direct	Immunoturbidimetric Latex Test	40 mL	12 Months
<b>Liver Profile</b>				
75DP200-20	■ Alkaline Phosphatase	pNPP	20 X 1 mL	18 Months
75DP200-50	■ Alkaline Phosphatase	pNPP	10 X 5 mL	18 Months
78LS200-66	● T & D Bilirubin	Jendrassik & Grof	2 X 125 mL	18 Months
76LS200-60	● GPT (ALT)	IFCC-UV Kinetic	10 X 10 mL	18 Months
77LS200-60	● GOT (AST)	IFCC-UV Kinetic	10 X 10 mL	18 Months
<b>Genetic Disorder</b>				
96MB100-10	■ G-6PD	Qualitative	10 Tests	24 Months
96DP200-10	■ G-6PD (Quantitative)	U.V. Kinetic	10 X 1 mL	12 Months
<b>Renal Profile</b>				
84LS100-60	● Albumin	BCG	1 X 100 mL	18 Months
85LS200-66	● Creatinine	Jaffe's Reaction	2 X 125 mL	18 Months
85LS200-60	● Creatinine	Jaffe's Reaction	2 X 50 mL	18 Months
85LS201-62	● Creatinine (Mono Reagent)	Jaffe's Reaction	2 X 75 mL	12 Months
86LS100-25	● Microprotein	Pyragallo Red	1 X 25 mL	12 Months
83LS100-60	■ Total Protein	Biuret	1 X 100 mL	18 Months
81DP300-72	● Urea	Berthelot	400 mL	18 Months
81LS200-61	● Urea	NED-Dye	2 X 65 mL	24 Months
81LS200-66	● Urea	NED-Dye	2 X 125 mL	24 Months
81DP400-50	■ Urea / Bun	GLDH	2 X 25 mL	12 Months
81DP400-60	■ Urea / Bun	GLDH	2 X 50 mL	12 Months
82LS200-20	● Uric Acid	Uricase / Trinder	2 X 10 mL	12 Months
82LS200-50	● Uric Acid	Uricase / Trinder	2 X 25 mL	12 Months
<b>Lipid Profile</b>				
71LS200-40	● Cholesterol	CHOD-PAP	2 X 20 mL	18 Months
71LS200-60	● Cholesterol	CHOD-PAP	2 X 50 mL	18 Months
71LS200-75	● Cholesterol	CHOD-PAP	5 X 100 mL	18 Months
72LS100-40	● Triglycerides	GPO / Trinder	2 X 20 mL	18 Months
72LS100-60	● Triglycerides	GPO / Trinder	2 X 50 mL	18 Months
71LS300-56	● Direct HDL-Cholesterol	Accelerator Selective Detergent	80 mL	15 Months
71LS400-56	● Direct LDL-Cholesterol	Selective Detergent	80 mL	15 Months
<b>Cardiac Profile</b>				
74LS100-25	■ LDH	DGKC (P → L)	5 X 5 mL	18 Months
<b>Electrolyte Profile</b>				
87LS100-60	● Calcium	OCPC	2 X 50 mL	18 Months
89LS100-60	● Chloride	Thiocyanate	1 X 100 mL	18 Months
91LS100-58	● Sodium	Trinder	2 X 45 mL	18 Months
88LS100-50	● Potassium	Tetraphenyl Boron	1 X 50 mL	18 Months
	● Phosphorus	UV Molybdate		
<b>Pancreatic Profile</b>				
79LS200-05	● α - Amylase	CNPG <sub>3</sub>	1 X 5 mL	18 Months
79LS200-10	● α - Amylase	CNPG <sub>3</sub>	1 X 10 mL	18 Months
69LS100-25	● Lipase	Enzymatic Colorimetric	5 X 5 mL	12 Months

● Liquid Stable Reagents, ■ Powder Reagents

(Specification may change without prior notice)

For commercial and product related query, please contact :  
**arkray healthcare Pvt. Ltd.**

(Comprises of former IVD Business  
 Undertaking of Span Diagnostics Ltd.)

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ISO 9001:2008 / ISO 13485:2003 / GMP

**CLINICAL CHEMISTRY**  
**PRODUCT CATALOGUE**

## Diabetic

### Glucose (GOD-POD)<sup>™</sup>

- 12 months working reagent stability
- Two standards provided, 100 mg / dL to calibrate test & 400 mg / dL to check linearity
- High linearity, End Point: up to 500 mg / dL, Kinetic: up to 700 mg / dL
- Diluent for reconstitution is provided in kit
- Black colour bottle for working reagent storage is provided in the kit

### Glucose (GOD-POD)

- Liquid stable ready to use mono reagent
- Two standards provided, 100 mg / dL to calibrate test & 400 mg / dL to check linearity
- Programming for End Point and Kinetic mode

### HbA1c Direct (Immunoturbidimetric Latex Test)

- Results traceable to National Glycohemoglobin Standardization Program (NGSP)
- Direct results calculation in % HbA1c, determination of total hemoglobin is not required
- Uses Monoclonal mouse anti-human HbA1c antibody which ensure accurate results
- Linearity range from 2% to 16% HbA1c

## Liver

### sGPT (ALT) & sGOT (AST) (Modified UV-IFCC)

- Liquid stable ready to use reagents
- 4 weeks working reagent stability
- High linearity up to 450 IU / L
- Special procedure to achieve linearity up to 1000 IU / L
- High & stable reagent blank

### Bilirubin (Jendrassik & Grof Method)

- Liquid stable ready to use reagents
- Ready to use factor is provided for result calculation
- Artificial standard is provided in the kit

### Alkaline Phosphatase (pNPP-AMP)<sup>™</sup>

- Superior IFCC recommended pNPP-AMP buffer method
- Mono test vial pack available
- Higher working reagent stability up to 30 days
- Rapid, 150 seconds test procedure
- High linearity up to 1000 IU / L

## Genetic Disorder

### G6PD Quantitative Test (UV Kinetic)<sup>™</sup>

- Rapid Quantitative test kit
- Available in convenient mono test vial
- Extremely useful for diagnosis of heterozygous female (Borderline sample)
- Result interpretation in U / g Hb or IU / 10<sup>12</sup> RBC
- Reagent for Hb estimation is provided in the kit

### G6PD Qualitative Test<sup>™</sup>

- Simple to perform dye reduction test
- Available in convenient mono vial test pack
- Visual interpretation of results, no need for any instruments

## Lipid

### Cholesterol (CHOD-PAP)

- Liquid stable ready to use mono reagent
- HDL precipitating reagent and HDL standard is provided in the kit
- Reagent contains lipid clearing factor (LCF), avoids pretreatment steps of lipemic samples
- Stable reagent blank
- High linearity up to 750 mg / dL

### Triglycerides (GPO-PAP)

- Liquid stable ready to use mono reagent
- Reagent contains lipid clearing factor (LCF), avoids pretreatment steps of lipemic samples
- Stable reagent blank
- High linearity up to 1000 mg / dL

### Direct HDL Cholesterol (Accelerator Selective Detergent Method)

- Direct Enzymatic assay
- Liquid stable ready to use reagents
- Calibrator traceable to CRMLN Reference Method
- No interference with Total Bilirubin, Conjugated Bilirubin, Gamma Globulins, Ascorbic Acid, Lipemia, Haemoglobin & Endogenous Triglycerides
- Precision, Accuracy & Performance comply with 1998 NCEP criteria
- High linearity up to 200 mg / dL

### Direct LDL Cholesterol (Selective Detergent Method)

- Direct enzymatic assay
- Liquid stable ready to use reagents
- No interference with Triglycerides, Bilirubin, Ascorbic Acid, Lipemia & Haemolysis
- Precision, Accuracy & Performance comply with 1998 NCEP criteria
- High linearity up to 500 mg / dL

## Cardiac

### LDH (Optimized DGKC)

- Pyruvate to Lactate test reaction
- Liquid stable ready to use reagents
- High working reagent stability up to 30 days
- High linearity up to 1200 IU / L
- Convenient pack size of 25 mL

### Homocysteine (Enzymatic Recycling)

- Enzymatic Recycling Method
- Liquid Stable ready to use two reagents
- Linearity upto 50 µmol / L
- Multipoint calibration



## Renal

### Urea (GLDH)<sup>™</sup>

- Enzymatic UV-Kinetic method
- 6 weeks working reagent stability
- Rapid, 90 seconds test procedure
- High linearity up to 300 mg / dL

### Urea (Berthelot)<sup>™</sup>

- 25 days working reagent stability
- Two standards provided, 50 mg / dL to calibrate test & 250 mg / dL to check linearity
- Ammonia free diluent is provided with kit
- High linearity up to 300 mg / dL

### Urea (NED-Dye)

- Liquid stable ready to use reagents
- Rapid, 120 seconds test procedure
- Two standards provided, 50 mg / dL to calibrate test & 250 mg / dL to check linearity
- High linearity up to 300 mg / dL
- Room temperature kit storage

### Creatinine (Modified Jaffe's)

- Liquid stable ready to use reagents
- 7 days working reagent stability
- High linearity up to 20 mg / dL
- Room temperature kit storage

### Albumin (BCG)

- Liquid stable ready to use mono reagent
- Rapid, 60 seconds test procedure
- High linearity up to 6 g / dL
- Room temperature kit storage

### Total Protein (Biuret)

- Liquid stable ready to use mono reagent
- High linearity up to 20 g / dL
- Room temperature kit storage

### Uric Acid (Uricase / Trinder)

- Liquid stable ready to use mono reagent
- Stable reagent blank
- High linearity up to 25 mg / dL

### Microprotein (Pyragallo Red)

- Liquid stable ready to use mono reagent
- High linearity up to 200 mg / dL

### Cystatin C (Immunoturbidimetric Latex Test)

- Liquid Stable Ready to use reagents
- No sample dilution
- Wide measuring range 0.1 to 10 mg / L
- Multipoint calibration
- No prozone effect upto 10 mg / L

## Electrolyte

### Chloride (Thiocyanate)

- Liquid stable ready to use mono reagent
- Rapid, 180 seconds test procedure
- Linearity between 70-140 mEq / L
- Room temperature kit storage

### Inorganic Phosphorus (UV-Molybdate)

- Liquid stable ready to use mono reagent
- High linearity up to 10 mg / dL
- Room temperature kit storage
- Convenient pack size

### Sodium (Trinder's Method)

- Liquid stable ready to use reagents
- Colorimetric method
- High linearity up to 200 mEq / L

### Potassium (Tetraphenyl Boron Method)

- Liquid stable ready to use mono reagent
- Turbidimetric method
- High linearity up to 8 mEq / L

### Calcium (O-CPC)

- Liquid stable ready to use reagents
- High linearity up to 15 mg / dL
- Convenient pack size

## Pancreatic

### Amylase (CNP3G)

- Liquid stable ready to use mono reagent
- Self indicating CNP3G substrate, does not require any auxiliary enzyme system & hence maximize reagent stability
- One step direct reaction, rapid test result in 120 seconds
- Stable initial absorbance
- High linearity up to 2000 IU / L
- Convenient pack sizes of 5 mL & 10 mL

### Lipase (Enzymatic Colorimetric Method)

- Liquid stable ready to use two reagents
- Reagent contains bile salt & colipase which ensures the inhibition of lipase by detergent resulting in highly sensitive reaction with excellent reproducibility and stability
- Linearity upto 300 IU / L

