

IMPROGEN

# Toshiba

Dedicated With Barcoded  
Biochemistry Reagents

Toshiba FR, Accute Series;  
TBA 40 FR ( Accute )





## ImproGen - a global diagnostic solutions provider



ISO 13485:2016



ISO 9001:2015



### Improgen Diagnostic Chem Ltd.

Improgen Clinical Diagnostic Systems is a well-established IVD manufacturer supplying products for many countries worldwide.

Improgen Diagnostic Systems emerged as pioneer in the field of liquid-stable reagents and has developed to an established provider of diagnostic solutions for clinical laboratory.

Improgen develops, manufactures and markets diagnostic systems of superior quality. Laboratories, hospitals, and physicians in more than Many countries rely on Improgen products and services for the well being of their patients.

Our proven product performance, matched with our selection of reputable distribution partners, has been instrumental to our continued success and growth.

Built on a culture of quality and performance we are committed to providing our customers with a reliable service and results they can trust.

Since its foundation, the independent company has introduced more than ninety liquid-stable reagents for routine and special diagnostics completed by calibrators and controls. Today, we develop not only reagents, but complete diagnostic solutions.

Permanent update of quality products and processes supported by extensive R&D activities and tailor-made solutions along with strong customer support, maintain and extend Improgen' position as top quality supplier. In order to be close to the customer, Improgen is continuously to laboratories all over the world.

Improgen maintains a quality management system certified according to ISO 13485.

All our products are CE marked according to Directive 98/79/EC.



# BENEFITS OF IMPROGEN REAGENTS



Improgen offers the largest range of chemistries  
Reducing the need to source products from multiple suppliers  
The widest range of routine and niche reagents for comprehensive testing profiles



Liquid ready-to-use reagents available  
Ensuring ease of use within the laboratory, increased productivity and faster turnaround times  
For added convenience and accuracy of testing



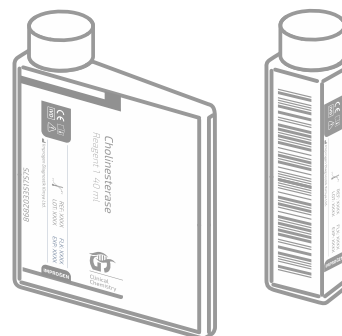
Automated applications for a wide range of clinical analysers  
Applications available for hundreds of biochemistry analysers ensures confidence in testing  
Our Easy Read and Easy Fit options ensure flexibility and choice from an independent manufacturer



Proof of quality and commitment to providing the best reagents in the market  
Excellent correlation to reference methods  
Our extremely tight manufacturing tolerances ensure uniformity across reagent batches



Wide measuring ranges  
Ensures all results can be covered by one single reagent  
Reduces the costs of purchasing different reagents with different measuring ranges



**ImproGen Easy Read reagents are simple to use:**

Step 1: Load your Dedicated Read reagent onto the clinical analyser.

Step 2: As all necessary settings are encoded on the barcode, the analyser software will read and store the settings as provided.

**Compatible Models & Bottles;**



Bottle For;  
Reagent R1 & Mono Reagents



Bottle For;  
Reagent R2 & Small Size



We offer a range of reagents that are optimised for use on an extensive range of clinical chemistry analysers

All reagents are presented in bottles which fit easily into your analyser avoiding the need to pour reagents into dedicated bottles

Dedicated read reagents offer increased accuracy and reliability

A wide range of validated analyser applications ensure ease of programming and confidence in results

A simple 2 step process allows you to actively run Improgen Reagents on your clinical chemistry analyser

All reagents are presented in bottles that fit directly onto the analyser

Reagents include barcodes that enable the analyser to read automatically

Simple process saves time and improves laboratory efficiency

Offers you freedom of choice from an independent manufacturer



The Dedicated With Barcoded of Abbott bottles contains the following parameters.



### General Specifications

- All reagents are presented in bottles that fit directly onto the analyser
- Reagents include barcodes that enable the analyser to read automatically
- Simple process saves time and improves laboratory efficiency
- Offers you freedom of choice from an independent manufacturer

### ImproGen Easy Read reagents are simple to use:

Step 1: Load your Dedicated Read reagent onto the clinical analyser.

Step 2: As all necessary settings are encoded on the barcode, the analyser software will read and store the settings as provided.



## General Specifications Of ImproGen Reagents

- Improgen Dedicated Read reagents ensure Efficiency, Flexibility and Ease of Use.
- All reagents are presented in bottles that fit directly onto the analyser.
- Dedicated Reagents include barcodes that enable the analyser to read automatically
- Offers you freedom of choice from an independent manufacturer
- Liquid-stable up to the expiry date, even after opening.
- Ready-to-use - no reconstitution errors, directly available for STAT analysis
- Typical stability 12 – 24 months
- Multi-purpose kits in different sizes for small and large laboratories
- Applications available for automated systems.

## ImproGen Catalogue Codes

ImproGen uses a series of characters and numbers to create unique product codes. These easy to read codes allow you to assess which product will be suitable for your laboratory.

### How to read ImproGen Catalogue Codes

**Digits 1 – 3** Sequence of 3 letters which identify the specific analyte of interest

E.g. : CRP3011: CRP : CRP C-Reactive Protein  
HBA3011: HBA : Hemoglobin A1c Direct

**Digits 4 – 5** A unique combination of 4 or 5 numbers that characterise kit format for which analyzers

E.g. : CRP3011: 30  
Dedicated & Barcoded information  
Barcoded Easy Read bottles for Abbott  
Architect C Series, Aeroset

E.g. : CRP3211: 32  
Dedicated & Barcoded information  
Barcoded Easy Read bottles for Beckman Coulter  
AU Series

**Digits 6 – 7** A unique combination of 6 or 7 Reagent packaging information

E.g. : CRP3011: 11: R1: 3x80 ml R2: 3x20 ml  
CRP3021: 21: R1: 1x80 ml R2: 1x20 ml



ImproGen supplies a range of catalogue codes to suit every laboratory's need:

### General Catalogue Codes

These cover a range of requirements from manual use to use on multiple semi automated and automated analysers.

### Easy Read Catalogue Codes

These codes apply to Randox reagents that have bottles that are barcoded for use on specific analysers.

### Easy Fit Catalogue Codes

These codes apply to ImproGen reagents that have bottle sizes to fit channels of different analysers.



# For Toshiba®

## Dedicated With Barcoded

For Toshiba FR, Accute Series;  
TBA 40 FR ( Accute )

Cat No:	Description	S/ml	Package Included
ACP5011	ACP - Acid Phosphatase	192	(3x50mL + 3x14mL)
ALT5011	ALT - Alanine Aminotransferase	192	(3x50mL + 3x14mL)
ALB5011	Albumin	300	(6x50mL)
ALP5011	ALP - Alkaline Phosphatase	192	(3x50mL + 3x14mL)
AMM5011	Ammonia	48	Standard Pack
ASO5011	ASO - Antistreptolysin "O"	192	(3x50mL + 3x14mL)
ASO5021	ASO - Antistreptolysin "O"	96	(3x25mL + 3x7mL)
AST5011	AST - Aspartate Aminotransferase	192	(3x50mL + 3x14mL)
CAL5011	Calcium	300	(6x50mL)
CHE5011	CHE - Cholinesterase	128	(2x50mL + 2x14mL)
CRP5011	CRP - C-reactive Protein	192	(3x50mL + 3x14mL)
CRP5021	CRP - C-reactive Protein	96	(3x25mL + 3x7mL)
CRE5011	Creatinine	192	(3x50mL + 3x14mL)
CKN5011	CK - Creatinine Kinase	192	(3x50mL + 3x14mL)
CKN5021	CK - Creatinine Kinase	96	(3x25mL + 3x7mL)
CKM5011	CK-MB - Creatinine Kinase - MB	192	(3x50mL + 3x14mL)
CKM5021	CK-MB - Creatinine Kinase - MB	96	(3x25mL + 3x7mL)
CYC5011	Cystatin-C	48	Standard Pack
DBR5011	Bilirubin (Direct)	192	(3x50mL + 3x14mL)
ETH5011	Ethanol	192	(3x50mL + 3x14mL)
ETH5021	Ethanol	96	(3x25mL + 3x7mL)
FER5011	Ferritin	192	(3x50mL + 3x14mL)
FER5021	Ferritin	64	(1x50mL + 1x14mL)
LDH5011	LDH - Lactate Dehydrogenase	180	(3x48 + 3x12mL)
GLU5011	Glucose	150	(3x50mL)
HDL5011	HDL-Cholesterol	180	(3x45mL + 3x15mL)
HDL5021	HDL-Cholesterol	120	(3x30mL + 3x10mL)
HBA5011	Hemoglobin A1C Direct	60	(3x15mL + 3x5mL)
HBA5021	Hemoglobin A1C Direct	20	(1x15mL + 1x5mL)
HCY5011	Homocysteine	48	Standard Pack
IGA5011	IgA - Immunoglobulin A	50	(1x40mL + 1x10mL)
IGE5011	IgE - Immunoglobulin E	30	(1x20mL + 1x10mL)
IGG5011	IgG - Immunoglobulin G	50	(1x40mL + 1x10mL)
IGM5011	IgM - Immunoglobulin M	50	(1x40mL + 1x10mL)
IRN5011	Iron	192	(3x50mL + 3x14mL)
LDL5011	LDL-Cholesterol	180	(3x45mL + 3x15mL)
LDL5021	LDL-Cholesterol	120	(3x30mL + 3x10mL)
LIP5011	Lipase	192	(3x50mL + 3x14mL)
LIP5021	Lipase	192	(3x50mL + 3x14mL)

Cat No:	Description	S/ml	Package Included
MAG5011	Magnesium	150	(3x50mL)
MAL5011	Microalbumin Uria	50	(1x40mL + 1x10mL)
PHP5011	Phosphorus	150	(3x50mL)
RHF5011	RF - Rheumatoid Factor	192	(3x50mL + 3x14mL)
RHF5021	RF - Rheumatoid Factor	96	(3x25mL + 3x7mL)
TBI5011	Total Bile Acids	48	Standard Pack
TBR5011	Bilirubin (Total)	192	(3x50mL + 3x14mL)
TCH5011	Total Cholesterol	150	(3x50mL)
TPR5011	Total Protein	150	(3x50mL)
TFE5011	Transferrin	48	Standard Pack
TRG5011	Triglycerides	150	(3x50mL)
UIB5011	UIBC - U. Iron Binding Capacity	192	(3x50mL + 3x14mL)
URE5011	Urea	192	(3x50mL + 3x14mL)
URA5011	Uric Acid	150	(3x50mL)
URP5011	Urinary Protein	150	(3x50mL)
ZIN5011	Zinc	50	(1x40mL + 1x10mL)
AMY5011	α-Amylase	150	(3x50mL)
AMY5021	α-Amylase	75	(3x25mL)
GGT5011	γGT - γ-Glutamyl Transferase	192	(3x50mL + 3x14mL)
CLR5011	Chloride	48	Standard Pack
CC35011	Complement C3	48	Standard Pack
CC45011	Complement C4	48	Standard Pack
CU05011	Copper	48	Standard Pack
CEN5011	Creatinine Enzymatic	48	Standard Pack
FRU5011	Fructosamine	48	Standard Pack
HPG5011	Haptoglobin	48	Standard Pack
LIT5011	Lithium	48	Standard Pack
PAM5011	α-Amylase Pancreatic	48	Standard Pack
PTS5011	Potassium	48	Standard Pack
PRA5011	Prealbumin	48	Standard Pack
PCC5011	Procalcitonin	48	Standard Pack
SOD5011	Sodium	48	Standard Pack
TP15011	Troponin I	48	Standard Pack
B125011	Vitamin B12	48	Standard Pack
VID5011	Vitamin D	48	Standard Pack
B2M5011	β <sub>2</sub> -Microglobulin	48	Standard Pack
AHD5011	αHBDH - α-Hydroxybutyrate Dhd.	48	Standard Pack



# Freedom of choice from an independent manufacturer

**IMPROGEN**

We are dedicated to providing reagents that fit perfectly with your laboratory needs.

In addition to providing an extensive test menu of the highest quality reagents, we also ensure flexibility, convenience and ease of use with our dedicated read reagent bottles.



# Freedom of choice from an independent manufacturer

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