

Supplementary file 2. List of insulin products included in the surveys

Country	Sector	Region	Origin	Manufacturer	Brand	Insulin	Strength (IU/ml)	Dosage form
Brazil-Rio	Private	Capital	Local	Sanofi	Lantus	glargine	100	3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Novolin N	isophane	100	10ml vial
	Private	Capital	Imported	Novo Nordisk	Novolin R	regular	100	10ml vial
China-Hubei	Public	Capital	Local	Jiangsu Wanbang	Wanbang R	regular (porcine)	40	2x10ml vials
	Public	Capital	Imported	Novo Nordisk	Novolin 30	isophane 70/regular 30	100	3ml cartridge
	Public	Capital	Imported	Sanofi	Lantus Solostar	glargine	100	3ml prefilled pen
	Public	Capital	Imported	Eli Lilly	Humalog	lispro	100	3ml cartridge
	Public	Capital	Imported	Eli Lilly	Humalog 25	25 lispro/ 75 lispro protamine	100	3ml cartridge
	Private hospital	Capital	Local	Jiangsu Wanbang	Wanbang R	regular (porcine)	40	2x10ml vials
	Private hospital	Capital	Imported	Novo Nordisk	Novolin 30	isophane 70/regular 30	100	3ml cartridge
	Private hospital	Capital	Imported	Novo Nordisk	Novolin 50	isophane 50/regular 50	100	3ml cartridge
	Private hospital	Capital	Imported	Sanofi	Lantus Solostar	glargine	100	3ml prefilled pen
	Private	Capital	Imported	Novo Nordisk	Novolin 30	isophane 70/regular 30	100	3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Novolin 50	isophane 50/regular 50	100	3ml cartridge
	Private	Capital	Imported	Sanofi	Lantus Solostar	glargine	100	3ml prefilled pen
	Private	Capital	Imported	Eli Lilly	Humalog	lispro	100	3ml cartridge
	Private	Capital	Imported	Eli Lilly	Humalog 25	25 lispro/ 75 lispro protamine	100	3ml cartridge
	Public	District	Local	Jiangsu Wanbang	Wanbang R	regular (porcine)	40	2x10ml vials
	Public	District	Imported	Novo Nordisk	Novolin 30	isophane 70/regular 30	100	3ml cartridge
Public	District	Imported	Novo Nordisk	Novolin 50	isophane 50/regular 50	100	3ml cartridge	
Public	District	Imported	Sanofi	Lantus Solostar	glargine	100	3ml prefilled pen	
Public	District	Imported	Eli Lilly	Humalog	lispro	100	3ml cartridge	

	Public	District	Imported	Eli Lilly	Humalog 25	25 lispro/ 75 lispro protamine	100	3ml cartridge
	Private	District	Imported	Novo Nordisk	Novolin 30	isophane 70/regular 30	100	3ml cartridge
	Private	District	Imported	Novo Nordisk	Novolin 50	isophane 50/regular 50	100	3ml cartridge
	Private	District	Imported	Eli Lilly	Humalog	lispro	100	3ml cartridge
China - Shaanxi	Public	Capital	Imported	Novo Nordisk	NovoRapid	aspart	100	3ml cartridge
	Public	Capital	Imported	Novo Nordisk	Novolin R	regular	100	3ml cartridge
	Public	Capital	Imported	Novo Nordisk	Novolin 30R	isophane 70/regular 30	100	3ml cartridge
	Public	Capital	Imported	Novo Nordisk	Novolin N	isophane	100	3ml cartridge
	Public	Capital	Local	Dongbao	Gansulin R	regular	100	3ml cartridge
	Public	Capital	Local	Wanbang	Wanbang R	regular (porcine)	40	10ml vial
	Public	Capital	Local	Gan & Lee	Basalin	glargine	100	3ml cartridge
	Public	Capital	Imported	Sanofi	Lantus Solostar	glargine	100	3ml prefilled pen
	Public	Capital	Local	Chia Tai Tianqing	Metformin	metformin	500mg	30 tablets
	Private	Capital	Imported	Novo Nordisk	NovoRapid	aspart	100	3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Novolin R	regular	100	3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Novolin 30R	isophane 70/regular 30	100	3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Novolin N	isophane	100	3ml cartridge
	Private	Capital	Local	Gan & Lee	Basalin	glargine	100	3ml cartridge
	Private	Capital	Local	Dongbao	Gansulin R	regular	100	3ml cartridge
	Public	District	Imported	Novo Nordisk	NovoRapid	aspart	100	3ml cartridge
	Public	District	Imported	Novo Nordisk	Novolin R	regular	100	3ml cartridge
	Public	District	Imported	Novo Nordisk	Novolin 30R	isophane 70/regular 30	100	3ml cartridge
	Public	District	Imported	Novo Nordisk	Novolin N	iosphane	100	3ml cartridge
	Public	District	Local	Gan & Lee	Basalin	glargine	100	3ml cartridge
	Private	District	Imported	Novo Nordisk	NovoRapid	aspart	100	3ml cartridge
	Private	District	Imported	Novo Nordisk	Novolin R	regular	100	3ml cartridge
	Private	District	Imported	Novo Nordisk	Novolin 30R	isophane 70/regular 30	100	3ml cartridge
Private	District	Imported	Novo Nordisk	Novolin N	isophane	100	3ml cartridge	

	Private	District	Local	Dongbao	Gansulin R	regular	100	3ml cartridge
	Private	District	Local	Gan & Lee	Basalin	glargine	100	3ml cartridge
	Private	District	Imported	Sanofi	Lantus Solostar	glargine	100	3ml prefilled pen
Ghana	Private	Capital	Imported	Eli Lilly	Humilin 70/30	isophane 70/regular 30	100	10ml vial
	Private	District	Imported	Eli Lilly	Humilin 70/30	isophane 70/ regular 30	100	10ml vial
	Public	Capital	Imported	Eli Lilly	Humilin L	insulin lente zinc suspension	100	10ml vial
	Public	District	Imported	Biocon	Insugen 30/70	isophane 70/regular 30	100	10ml vial
	Private	District	Imported	Novo Nordisk	Insulatard	isophane	100	10ml vial
	Private	Capital	Imported	Novo Nordisk	Insulatard	isophane	100	3ml cartridge
	Private	District	Imported	Sanofi	Lantus Solostar	glargine	100	3ml prefilled pen
	Private	Capital	Imported	Sanofi	Lantus Solostar	glargine	100	3ml prefilled pen
	Private	Capital	Imported	Novo Nordisk	Mixtard 30/70	isophane 70/regular 30	100	3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Mixtard 30/70	isophane 70/regular 30	100	3ml cartridge
	Private	District	Imported	Novo Nordisk	Mixtard 30/70	isophane 70/regular 30	100	10ml vial
	Private	Capital	Imported	Novo Nordisk	Novomix 30/70	30 soluble aspart/ 70 protamine aspart	100	3ml prefilled pen
	Private	Capital	Imported	Sanofi	Insuman	isophane 70/regular 30	100	10ml vial
India-Haryana	Private	Capital	Imported	Eli Lilly	Huminsulin 30/70	isophane 70/regular 30	100	3ml cartridge
	Private	Capital	Local	Wockhardt	Wosulin 30/70	isophane 70/regular 30	100	3ml cartridge
	Private	Capital	Local	Wockhardt	Wosulin regular	regular	40	10ml vial
	Private	Capital	Imported	Sanofi	Lantus	glargine	100	3ml cartridge
	Private	Capital	Local	Lupin	Lupisulin M30	isophane 70/regular 30	40	10ml vial
	Private	District	Local	Biocon	Insugen 30/70	isophane 70/regular 30	100	3ml cartridge
	Private	District	Imported	Sanofi	Lantus	glargine	100	3ml cartridge
	Private	District	Local	Lupin	Lupisulin M30	isophane 70/regular 30	100	3ml cartridge
	Private	District	Imported	Eli Lilly	Huminsulin 30/70	isophane 70/regular 30	40	3ml cartridge
	Private	Capital	Imported	Novo Nordisk	NovoRapid	aspart	100	3ml cartridge
Public	Capital	Local	Sun Pharma	Insucare R	regular	40	10ml vial	

Indonesia	Public	District	Imported	Sanofi	Lantus	glargine	100	5x3ml pen
	Private	Capital	Imported	Sanofi	Lantus	glargine	100	5x3ml pen
	Private	Capital	Imported	Sanofi	Lantus	glargine	100	5x3ml pen
	Private	Capital	Imported	Sanofi	Lantus	glargine	100	5x3ml pen
	Private	District	Imported	Sanofi	Lantus	glargine	100	5x3ml pen
	Public	Capital	Imported	Sanofi	Lantus	glargine	100	5x3ml pen
	Public	District	Imported	Novo Nordisk	Novorapid	aspart	100	5x3ml cartridge
	Private	District	Imported	Novo Nordisk	Novorapid	aspart	100	5x3ml cartridge
	Public	Capital	Imported	Novo Nordisk	Novorapid	aspart	100	5x3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Novorapid	aspart	100	5x3ml cartridge
	Public	Capital	Imported	Eli Lilly	Humulin R	regular	100	5x3ml cartridge
	Private	Capital	Imported	Eli Lilly	Humulin R	regular	100	5x3ml cartridge
	Public	Capital	Imported	Novo Nordisk	Levemir	detemir	100	5x3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Levemir	detemir	100	5x3ml cartridge
	Private	Capital	Imported	Novo Nordisk	Levemir	detemir	100	5x3ml cartridge
Uganda	Private	District	Imported	Novo Nordisk	Levemir	detemir	100	5x3ml cartridge
	Private	Capital	Imported	Sanbe Farma	Sansulin R	regular	100	5x3ml cartridge
	Public	Capital	Imported	Wockhardt	Wosulin 30/70	isophane 70/regular 30	100	10ml vial
	Public	Capital	Local	KPI	Formin	metformin	500mg	10 tablet
Private	Capital	Imported	Novo Nordisk	Actrapid	regular	100	10ml vial	
Private	Capital	Imported	Novo Nordisk	Mixtard 30	isophane 70/regular 30	100	3ml prefilled pen	