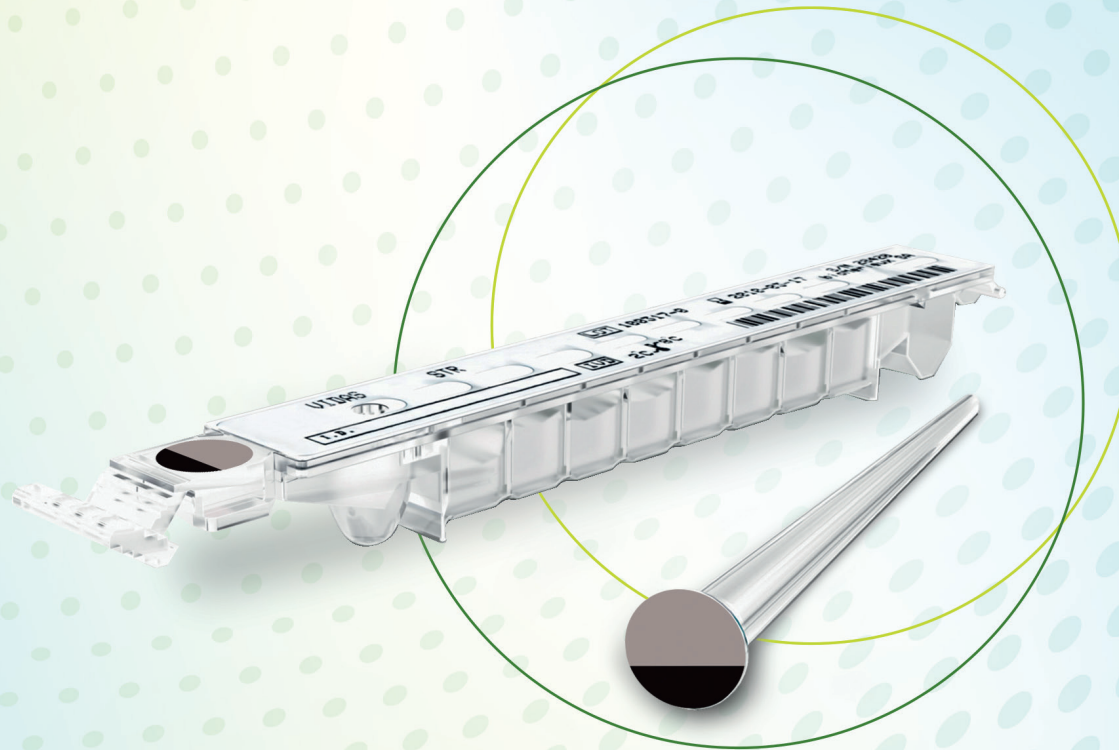


VIDAS® ASSAYS PRACTICAL INFORMATION



PIONEERING DIAGNOSTICS

VIDAS® PROTOCOLS & UNITS

VIDAS® ASSAYS INFORMATION

VIDAS® ASSAYS PROTOCOL COMPATIBILITY

EMERGENCY AND CRITICAL CARE

Parameter Code Sample volume

PCT	200 µL
PBN2	200 µL
TNHS	200 µL
CKMB	250 µL
MYO	150 µL
DEX2	200 µL
VWF	100 µL
PC	100 µL
NEPH	100 µL
GFAP	200 µL
UCH	200 µL

IMMUNOCHEMISTRY

Parameter Code Sample volume

TSH	200 µL
T4	200 µL
TSH3	200 µL
FT3	100 µL
FT4N	100 µL
CORS	100 µL
ATPO	100 µL
ATG	100 µL

T3 100 µL

PTH 300 µL

VITD 100 µL

TES2 100 µL

B2M* 100 µL

HCG 100 µL

FER 100 µL

IgE 100 µL

AFP 100 µL

E2II 200 µL

AMH 200 µL

PRL 200 µL

LH 200 µL

FSH 200 µL

PRG 200 µL

CEAS 200 µL

199 200 µL

125 200 µL

TPSA 200 µL

FPSA 200 µL

153 100 µL

INFECTIOUS DISEASES

Parameter Code Sample volume

9COG 100 µL

9COM 100 µL

TBRA 3 x 300 µL

DEAG 200 µL

DENM 100 µL

DENG 100 µL

CHKM 100 µL

CHKG 100 µL

LYM 100 µL

LYG 100 µL

HBCM 100 µL

HBS 150 µL

AHBS 200 µL

HBS^(a) 150 µL

confirmation test

HCV 100 µL

HEVM 100 µL

HEVG 100 µL

HBCT 150 µL

HAVT 150 µL

HBE 150 µL

HBET^(a) 150 µL

HBL 150 µL

HBL^(a) 150 µL

confirmation test

Parameter Code Sample volume

HAVM 100 µL

HIV5 200 µL

HIV6 200 µL

RBM 100 µL

TXC 125 µL

TXGA^(b) 2 x 100 µL

TXG 100 µL

TXM 100 µL

RBG 100 µL

B2M* 100 µL

CMVG 100 µL

CMVA 2 x 100 µL

HPY 100 µL

MSG 100 µL

MPG 100 µL

VZG 100 µL

Parameter Code Sample volume

VCAG 100 µL

VCAM 100 µL

EBNA 100 µL

GDH^(a) 300 µL

CDAB^(a) 300 µL

(a) = After sample processing.
(b) = After dilution to obtain 15 IU/mL.
* B2M protocol compatible with ToRC

VIDAS® ASSAYS UNITS

Only parameters for which results can be expressed in different units are given in this table.

EMERGENCY AND CRITICAL CARE

Parameter Code	Proposed VIDAS Unit	Conversion Factors
DEX2	µg/mL ng/mL	(FEU) (FEU)
NEPH	(ng/mL) ² / 1000 The AKIRISK™ Score is displayed without units	
MYO	µg/L ng/mL	
PBN2	pmol/L pg/mL	
PC	IU/mL %	
PCT	µg/L ng/mL	
TNHS	ng/L pg/mL	
vWF	IU/mL	
UCH	pg/mL	
GFAP	pg/mL	

IMMUNOCHEMISTRY

Parameter Code	Proposed VIDAS Unit	Conversion Factors
AFP	µg/L ng/mL µg/mL IU/mL UI/mL	ng/mL x 0.826 → UI/mL UI/mL x 1.21 → ng/mL
AMH	ng/mL pmol/L ng/dL	pmol/L x 0.14 → ng/mL ng/mL x 7.14 → pmol/L
CEAS	ng/mL	ng/mL x 15.43 → mUI/mL
FSH	IU/L	
LH	mIU/mL UI/L mUI/mL	
IgE	UI/mL kIU/L IU/mL kUI/L	
PRG	nmol/L ng/mL	nmol/L x 0.3145 → ng/mL ng/mL x 3.1796 → nmol/L
PRL	µUI/mL µIU/mL ng/mL 1IRP ng/mL 3IS	1 ng 1 st IRP = 32 µ UI 1 ng 3 rd IS = 21 µ UI 1 ng/mL 3 rd IS = 1.524 ng/mL 1 st IRP

INFECTIOUS DISEASES

Parameter Code	Proposed VIDAS Unit	Conversion Factors
RBG	UI/mL IU/mL	
TES2	nmol/L ng/mL ng/dL	nmol/L x 0.288 → ng/mL ng/mL x 3.47 → nmol/L
TSH	mUI/L µIU/mL mIU/L µUI/mL	
TSH3	µIU/mL µUI/mL	
TXG	IU/mL UI/mL	
VITD	ng/mL nmol/L	

INFECTIOUS DISEASES

Parameter Code	Proposed VIDAS Unit	Conversion Factors
AHBS	mUI/mL	
B2M	µg/mL UI/mL IU/mL kUI/L kIU/L mg/L	mg/L x 14 → UI/mL UI/mL x 0.071 → mg/L
CMVG	AU/mL UA/mL	
HAVT	IU/L mIU/mL UI/L mUI/mL	
HBCM	PEIU/mL	
HCG	UI/L mIU/mL IU/L kUI/L kIU/L mUI/mL	
HEVM	U/mL	
9COG	Index	Index 1 = 20.33 BAU/mL

FEU: Fibrinogen Equivalent Unit
In bold is the default unit

VIDAS® - PROTOCOLS - UNITS

VIDAS® - PARAMETERS

VIDAS® ASSAY INFORMATION

Range	Parameter	Reference	Code	Sample Volume	Calibration-Control		Sample Pre-Treatment	Test validated using	Test time (minutes)	Range or Interpretation	
					Test	Frequency					
BACTERIAL INFECTION	B.R.A.H.M.S PCT™	30450 30450-30	PCT	200 µL	S1 S1 S2 S2 C1 C2	28 days	no	Serum, Plasma (Hep.)	20	0.05 - 200 ng/mL	
	CARDIAC	NT-proBNP2	30458 30458-30	PBN2	200 µL	S1 S1 S2 S2 C1 C2	28 days	no	Serum, Plasma (Hep.)	20	15 - 25,000 pg/mL
		Hs Troponin I	415386 415386-30	TNHS	200 µL	S1 S1 S2 S2 C1 C2	56 days	no	Serum, Plasma (Hep.)	20	1.5 - 40,000 pg/mL
		Myoglobin	30446	MYO	150 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	17	5 - 1,000 µg/L
VENOUS THROMBO-EMBOLISM / COAGULATION	CK-MB	30421	CKMB	250 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	30	0.8 - 300 ng/mL	
	VIDAS® D-Dimer Exclusion™ II	30455-02 30455-30	DEX2	200 µL	S1 S1 C1 C2	28 days	no	Plasma (Cit.)	20	45 - 10,000 ng/mL (FEU)	
	Protein C	30115	PC	100 µL	S1 S1 C1	14 days	no	Plasma (Cit.)	35	1 - 120 %	
ACUTE KIDNEY INJURY	vWF	30436	vWF	100 µL	S1 S1 C1	14 days	no	Plasma (Cit.)	35	1 - 120 %	
	NEPHROCHECK®	421172-03	NEPH	100 µL	S1 S1 C1	56 days	no	Urine	46	0.04 - 10.00	
TRAUMATIC BRAIN INJURY	TBI GFAP	423615-30	GFAP	200 µL	S1 S1 C1	56 days	no	Serum	39	22pg/mL	
	TBI UCH-L1	423615-30	UCH	200 µL	S1 S1 C1	56 days	no	Serum	39	327pg/mL	
HORMONES & FERTILITY	AMH	417011	AMH	200 µL	S1 S1 C1	28 days	no	Serum, Plasma (Lith., Hep.)	40	0.02 - 9 ng/mL	
	Estradiol II	30431 30431-01	E2II	200 µL	S1 C1	56 days	no	Serum, Plasma (Hep.)	60	9 - 3,000 pg/mL	
	FSH	30407	FSH	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	40	0.1 - 110 mIU/mL	
	LH	30406	LH	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	40	0.1 - 100 mIU/mL	
	HCG	30405	HCG	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	30	2 - 1,500 mIU/mL	
	Prolactin	30410	PRL	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	40	0.5 - 200 ng/mL	
	Progesterone	30409	PRG	200 µL	S1 S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA, Silicone, Gel)	45	0.25 - 80 ng/mL	
	Testosterone II	414320	TES2	100 µL	S1 S1 C1	28 days	no	Serum, Plasma	40	0.05 to 13.50 ng/mL	
THYROID	Cortisol S	30451-30	CORS	100 µL	S1 S1 S1 C1	14 days	yes (urine) ⁽²⁾	Serum, Plasma (Hep., EDTA), 24-hour Urine	40	2 - 650 ng/mL	
	TSH	30400 30400-01	TSH	200 µL	S1 S1 C1	56 days	no	Serum, Plasma (Hep., Beads, Gel)	40	0.05 - 60 µIU/mL	
	TSH3	30441	TSH3	200 µL	S1 S1 S2 S2 C1 C2	14 days	no	Serum, Plasma (Hep., Silicone, Gel)	80	0.005 - 100 µIU/mL	
	FT3	30402	FT3	100 µL	S1 S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	40	0.7 - 45 pmol/L	
	FT4	30459	FT4N	100 µL	S1 S1 C1	56 days	no	Serum, Plasma (Hep., Silicone, Gel)	40	1 - 100 pmol/mL	
	T3	30403	T3	100 µL	S1 S1 S1 C1	56 days	no	Serum, Plasma (Hep.)	40	0.4 - 9 nmol/L	
	T4	30404	T4	200 µL	S1 S1 S1 C1	28 days	no	Serum, Plasma (Hep.)	40	6 - 320 nmol/L	
	Anti-TPO	30461	ATPO	100 µL	S1 S1 C1	28 days	no	Serum, Plasma (Hep., EDTA, Silicone, Gel)	25	0.8 - 1,000 IU/mL	
	Anti-Tg	30462	ATG	100 µL	S1 S1 C1	28 days	no	Serum, Plasma	25	6.4 - 800 IU/mL	
	TUMOUR MARKERS	AFP	30413	AFP	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA), Amniotic Fluid	30	0.5 - 400 IU/mL
		CA 15-3	30429	153	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	60	2 - 400 U/mL
		CA 19-9	30427	199	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	60	3 - 500 U/mL
		CA 125 II	30426	125	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	60	4 - 600 U/mL
CEA S		30453	CEAS	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep.)	60	0.5 - 200 ng/mL	
FPSA		30440	FPSA	200 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	60	0.05 - 10 ng/mL	
TPSA		30428	TPSA	200 µL	S1 S1 C1	56 days	no	Serum, Plasma (Hep., EDTA)	60	0.07 - 100 ng/mL	
β2 Microglobulin	30420	B2M	100 µL	S1 S1 C1 C2	14 days	yes (urine) ⁽²⁾	Serum, Plasma (Hep., EDTA), Urine	40	0.004 - 4 mg/L		
ALLERGY	Total IgE	30419	IGE	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Lith. Hep., EDTA)	30	0.5 - 1,000 kIU/L	
BONE & MINERAL METABOLISM	PTH (1-84)	422010	PTH	300 µL	S1 S1 C1	84 days	no	Serum, Plasma (Lith. Hep., EDTA)	24	4.0-1,500 pg/mL	
	25 OH Vitamin D TOTAL	30463	VITD	100 µL	S1 S1 C1	56 days	no	Serum, Plasma (Lith. Hep.)	40	8.1 - 126 ng/mL	
	Ferritin	30411	FER	100 µL	S1 S1 C1	14 days	no	Serum, Plasma (Hep., EDTA)	30	1.5 - 1,200 ng/mL	
TUBERCULOSIS	TB-IGRA	423111	TBRA	3 x 300µL	S1 S1 C1	56 days	no	Whole blood (Lith. Hep)	1020 (17h)	Positive, Negative, indeterminate	
	VIDAS® IFNγ QC PANEL**	424069	IFNγ	2 x 150µL	•IFNγ QC1 (L1) x2 •IFNγ QC2 (L2) x2	NA	no	NA	43	NA	
VECTOR BORNE DISEASES	DENGUE NS1 Ag	423077	DEAG	200µL	S1 S1 C1 C2	56 days	no	Serum	60	Qualitative test : Negative or positive	
	Anti-DENGUE IgM	423078	DENM	100µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test : Negative or positive	
	Anti-DENGUE IgG	423079	DENG	100µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test : Negative or positive	
	Anti-CHIKUNGUNYA IgM	423229	CHKM	100µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test : Negative or positive	
	Anti-CHIKUNGUNYA IgG	423230	CHKG	100µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test : Negative or positive	
COVID-19	Lyme IgM	30319	LYM	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (Hep.)	27	Qualitative test: Negative, Positive or Equivocal	
	Lyme IgG	30320	LYG	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (Hep.), CSF	27	Qualitative test: Negative or Positive	
HEPATITIS	SARS-COV-2 IgG II	424114	9COG	100 µL	S1 S1 C1 C2	56 days	no	Serum, Plasma (Hep.)	0,40-17,00 (index)	Semi quantitative test Positive, Negative	
	SARS-COV-2 IgM	423833	9COM	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (Hep.)	0,40-17,00 (index)	Qualitative test Positive, Negative	
	HAV IgM	30307	HAVM	100 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep.)	60	Qualitative test: Negative, Positive or Equivocal	
	Anti-HAV Total	30312	HAVT	150 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep., Cit.)	90	15 - 400 mIU/mL	
	HBs Ag Ultra ⁽¹⁾	30315	HBS•HBL	150 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (Hep.)	60 / 90	Qualitative test: Negative or Positive	
	Anti-HBs Total II	30318	AHBS	200 µL	S1 S1 C1 C2	28 days	yes ⁽²⁾	Serum, Plasma (Hep.)	60	3 - 500 mIU/mL	
	Anti-HBc Total II	30314	HBCT	150 µL	S1 S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep., Cit.)	90	Qualitative test: Negative, Positive or Equivocal	
	HBc IgM II	30439	HBCM	100 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep., Cit.)	55	0 - 200 PEIU/mL	
	Hbe / Anti Hbe	30305	HBE	150 µL	Hbe : S1 S1 C1 C2 Anti Hbe : S2 S2 C2 C3	14 days	yes ⁽²⁾	Serum, Plasma (EDTA, Hep., Cit.)	90	Qualitative test: Negative or Positive	
	Anti-HCV	30308	HCV	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (Hep.)	40	Qualitative test: Negative or Positive	
HIV	Anti-HEV IgM	418115	HEVM	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (EDTA, Hep.)	40	Qualitative test: Negative or Positive	
	Anti-HEV IgG	418116	HEVG	100 µL	S1 S1 C1 C2	28 days	no	Serum, Plasma (EDTA, Hep.)	40	Quantitative : 0.10-10.00 U/mL	
	HIV DUO Ultra	30443	HIV5	200 µL	S1 S1 S2 S2 C1 C2 C3	14 days	no	Serum, Plasma (EDTA, Hep.) ⁽²⁾	120	Ag and Ab qualitative test: Negative or Positive	
	HIV DUO Quick	30447	HIV6	200 µL	S1 S1 C1 C2 C3	14 days	no	Serum, Plasma (EDTA, Hep.) ⁽²⁾	80	Qualitative test: Negative or Positive	
TOXO	TOXO IgM	30202	TXM	100 µL	S1 S1 C1 C2	14 days	no	Serum ⁽³⁾	40	Qualitative test: Negative, Positive or Equivocal	
	TOXO IgG II	30210	TXG	100 µL	S1 S1 C1 C2	14 days	no	Serum ⁽³⁾ , Plasma (EDTA, Hep.)	40	0 - 300 IU/mL	
	TOXO Competition	30211	TXC	125 µL	S1 S1 C1 C2	14 days	no	Serum ⁽³⁾ , Plasma (EDTA, Hep.)	40	Qualitative test: Negative or Positive	
	TOXO IgG Avidity	30222	TXGA	2 x 100 µL	C1 C2	14 days	no	Serum ⁽³⁾ , Plasma (EDTA, Hep., Cit)	40	Avidity index (AI) An AI ≥ 0.3 is a strong indication of a primary infection dating back more than 4 months. An AI < than 0.3 does not enable a recent infection to be differentiated from a former infection.	
	RUB IgM	30214	RBM	100 µL	S1 S1 C1 C2	14 days	no	Serum	60	Qualitative test: Negative, Positive or Equivocal	
	RUB IgG II	30221	RBG	100 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA, Hep.)	40	0 - 400 IU/mL	
	CMV IgM	30205	CMVM	100 µL	S1 S1 C1 C2	14 days	no	Serum	60	Qualitative test: Negative, Positive or Equivocal	
	CMV IgG	30204	CMVG	100 µL	S1 S1 C1 C2	14 days	no	Serum	40	0 - 400 AU/mL	
	CMV IgG Avidity II	413557	CMVA	2 x 100 µL	CHCL	14 days	no	Serum	40	Avidity index (AI) An AI ≥ 0.65 is a strong indication of a primary infection dating back more than 3 months. An AI < than 0.40 is a strong indication of a primary infection dating back less than 3 months. An 0.40 < AI < 0.65 does not enable to distinguish a recent infection from a former infection.	
	ADDITIONAL SEROLOGIES	EBV VCA IgM	30237	VCAM	100 µL	S1 S1 S1 C1 C2	28 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal
EBV VCA/EA IgG		30236	VCAG	100 µL	S1 S1 S1 C1 C2	28 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal	
EBV EBNA IgG		30235	EBNA	100 µL	S1 S1 S1 C1 C2	28 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal	
Measles IgG		30219	MSG	100 µL	S1 S1 C1 C2	14 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal	
Mumps IgG		30218	MPG	100 µL	S1 S1 C1 C2	14 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal	
Varicella-Zoster IgG		30217	VZG	100 µL	S1 S1 C1 C2	56 days	no	Serum	40	Qualitative test: Negative, Positive or Equivocal	
H. pylori IgG		30192	HPY	100 µL	S1 S1 C1 C2	14 days	no	Serum, Plasma (EDTA)	40	Qualitative test: Negative, Positive or Equivocal	
ANTIGEN DETECTION	C. difficile GDH	30125	GDH	300 µL	S1 S1 C1 C2	28 days	yes ⁽²⁾	Stool	50	Qualitative test: Negative or Positive	
	C. difficile Toxin A&B	30118	CDAB	300 µL	S1 S1 C1 C2 C3	14 days	yes ⁽²⁾	Stool	75	Qualitative test: Negative, Positive or Equivocal	

* HBL = long protocol
(1) = Confirmation test available. (2) = See package insert. (3) = Inactivated or not 30 mins at 56°C.
** IFNγ QC panel for VIDAS TB-IGRA only

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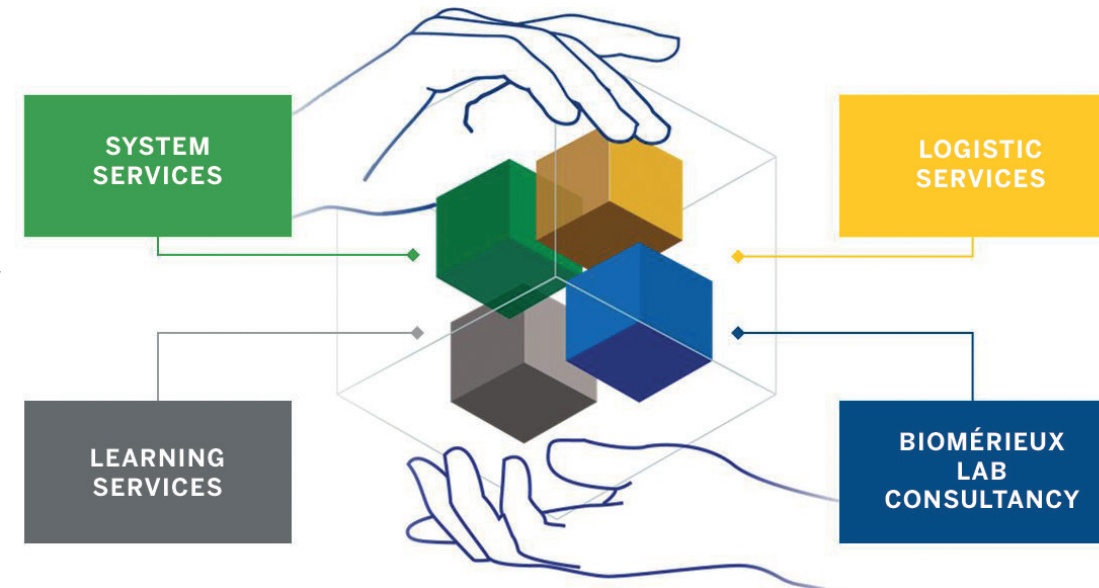
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