

## APPENDIX 2: Pack information and vaccine stockholding volumes

Note: Vaccines can be added or removed from this list during the time of the contract

### 1. Pack information

a. The following table gives an indication of the pack information for vaccines currently funded.

It should be noted that packaging configuration determines the minimum order quantity for each vaccine type. If packaging configuration is one or ten doses per pack, then the minimum order quantity becomes one or ten respectively i.e. ordering is based on doses required not packs.

Storage of vaccines currently use approximately 60 EUR-pallets or equivalent.

<b>Vaccine</b>	<b>Abbreviation or common name</b>	<b>Proprietary name (supplier) of currently supplied vaccine</b>	<b>No of doses per pack</b>
<b>Adult Diphtheria, tetanus vaccine Booster</b>	(Td)	<b>ADT Booster (Seqirus)</b>	<b>5</b>
<b>Adult Diphtheria, tetanus, - acellular pertussis</b>	(Tdap)	<b>Boostrix (GSK)</b>	<b>1</b>
<b>Adult Diphtheria, tetanus, acellular pertussis</b>	(Tdap)	<b>Boostrix (GSK)</b>	<b>10</b>
<b>Human papillomavirus vaccine</b>	(HPV)	<b>Gardasil 9 (Seqirus)</b>	<b>10</b>
<b>Paediatric Hepatitis B vaccine 5 mcg</b>	(HepB)	<b>HBvaxPRO (MSD)</b>	<b>1</b>
<b>Adult Hepatitis B vaccine 10 mcg</b>	(HepB)	<b>HBvaxPRO (MSD)</b>	<b>1</b>
<b>Adult Hepatitis B vaccine 40 mcg</b>	-	<b>HBvaxPRO (MSD)</b>	<b>1</b>
<b>H. influenzae type b vaccine</b>	(Hib)	<b>Hiberix (GSK)</b>	<b>1</b>

<b>Diphtheria, tetanus, acellular pertussis, inactivated poliovirus, hepatitis B, H. influenzae type B vaccine</b>	(DTaP-IPV-HepB/Hib)	<b>Infanrix-hexa (GSK)</b>	<b>10</b>
<b>Paediatric Diphtheria, tetanus, acellular pertussis, inactivated poliovirus vaccine</b>	(DTaP-IPV)	<b>Infanrix-IPV (GSK)</b>	<b>10</b>
<b>MMR vaccine and diluent</b>	(MMR)	Priorix (GSK)	<b>10</b>
<b>BCG vaccine and diluent</b>	(BCG)	<b>BCG Vaccine (Seqirus)</b>	<b>100</b>
<b>Inactivated Polio vaccine</b>	(IPV)	<b>IPOL (Sanofi-Aventis)</b>	<b>1</b>
<b>Pneumococcal conjugate vaccine</b>	(PCV10)	<b>Synflorix (GSK)</b>	<b>10</b>
<b>Pneumococcal conjugate vaccine</b>	(PCV13)	<b>Prevenar 13 (Pfizer)</b>	<b>10</b>
<b>Pneumococcal polysaccharide vaccine</b>	(23PPV)	<b>Pneumovax 23 (MSD)</b>	<b>1</b>
<b>Hepatitis A vaccine paediatric</b>	-	<b>Havrix (GSK)</b>	<b>1</b>
<b>Hepatitis A vaccine (adult)</b>	-	<b>Havrix Junior (GSK)</b>	<b>1</b>
<b>Rotavirus live reassortant oral vaccine</b>	RV	<b>Rotarix (GSK)</b>	<b>10</b>
<b>Meningococcal C conjugate vaccine</b>	-	<b>Neisvac-C (Pfizer)</b>	<b>1</b>
<b>Meningococcal (Groups A, C, Y and W135) conjugate vaccine</b>	-	<b>Menactra (Sanofi-Aventis)</b>	<b>1</b>
<b>Varicella (Chickenpox)</b>		<b>Varilrix (GSK)</b>	<b>10</b>
<b>Varicella-zoster live attenuated vaccine</b>	-	<b>Zostavax (MSD)</b>	<b>10</b>
<b>Tuberculin PPD for Mantoux tests</b>	-	<b>Tubersol (Sanofi-Aventis)</b>	<b>10</b>

**Table 1. Monthly stock on hand (doses) at HCL storage facilities, March 2017 – February 2018**

Vaccine	Mar/2017	Apr/2017	May/2017	Jun/2017	Jul/2017	Aug/2017	Sep/2017	Oct/2017	Nov/2017	Dec/2017	Jan/2018	Feb/2018
Hib (Act Hib / Hiberix)	6,882	12,832	18,572	16,550	21,434	18,020	21,699	16,449	22,619	17,919	12,129	18,449
ADT Booster	31,300	53,810	37,910	41,515	32,405	20,335	55,255	44,875	65,405	51,135	33,975	52,015
BCG	0	0	0	0	0	0	0	0	0	0	0	0
Boostrix 10's	28,570	21,510	28,550	12,030	23,250	11,310	5,170	23,410	17,390	30,510	42,790	31,230
Boostrix 1's	2,908	2,408	1,708	1,013	733	203	4,950	4,280	3,830	3,030	2,190	940
Gardasil9	39,220	43,980	24,260	25,540	17,760	8,040	9,750	0	31,990	12,090	270	36,280
Havrix	319	184	131	256	158	111	242	185	288	234	466	348
Havrix Junior	15	0	0	100	100	100	98	94	68	0	0	0
Hepatitis B - Adult (HBvaxPRO 10mcg / Engerix-B)	3,003	2,341	1,336	661	0	0	0	0	0	450	3,960	2,410
HBvaxPro 40mcg	811	655	1,192	1,094	1,000	810	626	594	153	470	182	145
HBvaxPro 5mcg	1,999	3,521	2,671	2,091	1,713	3,178	2,103	811	0	0	0	0
Infanrix IPV	20,780	16,320	9,260	4,680	19,440	15,020	28,880	24,400	18,380	13,080	29,180	23,280
Infanrix-Hexa	30,150	33,270	32,710	31,390	34,390	35,470	34,690	36,730	35,510	38,990	35,750	35,270
IPOL	1,475	1,145	3,232	2,808	2,537	1,971	3,864	3,410	2,840	2,540	2,140	1,640
Menactra	406	340	7	336	218	498	293	189	0	395	141	0
MMR (MMRII / Priorix)	41,340	52,620	65,880	58,720	67,970	56,290	68,630	62,720	66,360	55,080	68,540	56,560
Neisvac C	146	104	88	44	44	40	40	39	32	131	115	106
Pneumovax23	2,839	2,300	1,502	797	704	1,493	1,906	1,538	1,286	1,076	932	2,294
PCV (Prevenar13 / Synflorix)	46,400	51,390	60,540	69,640	63,760	65,060	60,220	60,760	57,490	58,990	56,610	56,650
Rotavirus (RotaTeq / Rotarix)	41,140	30,880	36,420	29,020	32,640	22,700	4,390	14,600	20,500	9,700	15,800	3,440
Tubersol	210	3,000	2,700	2,390	2,390	2,370	2,070	1,750	2,950	1,640	10	0
Varilrix	353	321	30,072	0	3,980	1,320	13,200	11,400	22,760	18,020	28,180	21,520
Zostavax 10s	0	0	0	0	0	0	0	0	0	0	0	192,610
<b>Total</b>	<b>300,266</b>	<b>332,931</b>	<b>358,741</b>	<b>300,675</b>	<b>326,626</b>	<b>264,339</b>	<b>318,076</b>	<b>308,234</b>	<b>369,851</b>	<b>315,480</b>	<b>333,360</b>	<b>535,187</b>

**Table 2. Stock (doses) distributed from HCL to Propharma, March 2017 – February 2018**

Vaccine	Mar/2017	Apr/2017	May/2017	Jun/2017	Jul/2017	Aug/2017	Sep/2017	Oct/2017	Nov/2017	Dec/2017	Jan/2018	Feb/2018
Hib (Act Hib / Hiberix)	5,550	4,050	5,260	2,022	6,115	3,414	7,321	5,250	4,830	4,700	5,790	4,680
ADT Booster	15,510	10,490	15,900	13,650	9,110	12,070	13,830	10,330	12,470	14,270	17,160	14,960
BCG	0	0	0	0	0	0	0	0	0	0	0	0
Boostrix 10's	14,740	7,060	12,960	16,490	8,780	0	6,140	1,760	6,020	6,880	7,720	11,560
Boostrix 1's	790	500	700	695	280	530	253	670	450	1,850	1,830	2,800
Gardasil9	26,780	15,240	19,720	14,580	7,780	9,720	23,240	9,750	11,450	24,700	11,820	18,510
Havrix	23	135	53	75	98	47	69	57	97	54	68	118
Havrix Junior	5	15	0	0	0	0	2	4	26	68	0	0
Hepatitis B - Adult (HBvaxPRO 10mcg / Engerix-B)	710	662	1,005	675	661	0	0	2,900	0	1,050	990	1,550
HBvaxPro 40mcg	41	156	5	98	94	190	184	32	441	199	288	37
HBvaxPro 5mcg	734	532	850	580	378	538	1,075	1,292	811	0	0	0
Infanrix IPV	7,960	4,460	7,060	4,580	5,240	4,420	6,140	4,480	6,020	5,300	3,900	5,900
Infanrix-Hexa	13,980	11,880	15,560	16,320	12,000	13,920	15,780	12,960	16,220	11,520	18,240	15,480
IPOL	414	330	413	424	271	566	607	454	570	300	400	500
Menactra	100	66	333	171	118	220	205	104	189	105	254	141
MMR (MMR11 / Priorix)	12,640	8,880	12,740	7,160	16,750	11,680	13,660	5,910	22,360	11,280	12,540	11,980
Neisvac C	10	42	16	44	0	4	0	1	7	1	16	9
Pneumovax23	413	539	798	705	93	211	370	368	252	210	144	388
PCV (Prevenar13 / Synflorix)	21,750	15,010	20,850	10,900	25,880	18,700	24,840	19,480	23,270	18,500	22,380	19,960
Rotavirus (RotaTeq / Rotarix)	13,800	10,260	14,460	7,400	16,380	9,940	18,310	9,790	14,100	10,800	13,900	12,360
Tubersol	380	210	300	310	0	20	300	320	3,050	1,310	1,630	10
Varilrix	33	32	249	36,292	4,800	2,660	3,120	1,800	3,640	4,740	4,840	6,660
Zostavax 10s	0	0	0	0	0	0	0	0	0	0	0	0

<i>(listed and funded from 1 April 2018)</i>												
<b>Total</b>	<b>136,363</b>	<b>90,549</b>	<b>129,232</b>	<b>133,171</b>	<b>114,828</b>	<b>88,850</b>	<b>135,446</b>	<b>87,712</b>	<b>126,273</b>	<b>117,837</b>	<b>123,910</b>	<b>127,603</b>