



Consolidated Quarterly Financial Results for FY2022 (for the Second Quarter Ended Sep. 30, 2021)							
(million yon)		FY2022 2 nd -quarter	Y/Y	Comparison with Aug.3	Reagents Growth in the new Coronavirus PCR test-		
	(initial year)	-		Torecast	related product. Reagents for general research are recovering		
	Net Sales	31,551	+14,158	+1,851 +6.2%	Instruments		
			+12 620	+1 009	Strong sales of PCR instrument.		
	Reagents	25,966	+94.7%	+7.9%	CDMO		
	Instruments	712	+245	▲78 ▲ 9.9%	Increased in revenue for Regenerative Medicine, Gene Analysis and Testing, and Vaccine on CDMO		
			+ J2.0 /0	_ 3.3 70	Gene therapy		
	СДМО	4,732	+1,358 +40.3%	+5 +0.1%	Decrease in sales of investigational products		
	Gene		▲75	+16	Gross profit		
	therapy	140	▲35.0%	+13.4%	Increased due to higher sales and improvement in the profitability of CDMO		
G	ross profit	23,495	+11,667	+2,544	Operating profit		
			+98.6%	+12.1%	Despite an increase in general and		
(Operating profit	14,105	+10,368 +277.5%	+2,705 +23.7%	administrative expenses, the increase in gross profit was significant, resulting in an increase in profits.		
3 (NOTE) Explanation of year-on-year changes							







Consolidated Financial Forecast for FY2022 (for the Year Ending March 31, 2022)						
(millions yen)	FY2022 Full-year	Y/Y	Comparison with Aug. 3 forecast	Reagents Reagents for general research are		
		+13.213	+5.100	Coronavirus PCR test-related product.		
Net sales	59,300	+28.7%	+9.4%	Instruments		
Reagents	46,375	+11,186 +31.8%	+5,781 +14.2%	Sales declined as demand for PCR instrument related to the new Coronavirus PCR test subsided.		
Tractory on the	1 200	▲337 ▲19.6%	▲153	СДМО		
Instruments	1,300		▲9.9%	Increased in revenue for Regenerative Medicine, Gene Analysis and Testing,		
СРМО	11 388	+2,486	+41 +0.4%	and Vaccine on CDMO		
CDMO	11,500	+27.9%		Gene therapy		
Gene therapy	146	▲121	▲569	Decrease in sales of investigational products		
		▲45.4%	▲ 79.5%	Gross profit		
Gross profit	40,502	+8,630 +27.1%	+3,235 +8.7%	Increased due to higher sales and improvement in the profitability of CDMO		
Operating		+6,047	+3,000	Operating profit		
profit	20,000	+43.3	+17.6%	Forecast 13 consecutive years of profit growth.		
7 (NOTE) Explanation of year-on-year changes						

















Utilizing our strength in PCR technology development, we continue to develop high-performance products and expand application fields

Launch of "Tak	vara Ex Bremier DNA Bolymerace" an enzyme for high-performance BCB (October 2021)
	ara ex Fremier Diva Forymerase, an enzyme for high-performance PCR (October 2021)
 It is a new flags 	ship PCR enzyme for focusing on "Success," "Accuracy," and "Ease of Use" of experiments.
 Launch of PCR 	kit to detect coronavirus genes in sewage (October 2021)
 It has improved studies and res 	d detection sensitivity and significantly reduced reaction time. Application to epidemiological earch is expected.
 Results of joint 	research with Professor Eiji Haramoto, Graduate School, Yamanashi University
 Launch of PCR 	kit to detect enteropathogenic bacterial genes (October 2021)
 It is for stool te It simultaneous spp., which cau 	ests required by the Ministry of Health, Labour and Welfare for cooks. sly measures three species of enterohemorrhagic Escherichia coli, Salmonella spp., and Shigella use food poisoning.
 Compared with 	conventional products, the operability is greatly improved and the inspection time is shortened.
 Launch of PCR 	kit for simultaneous diagnosis of swine fever and African swine fever (November 2021)
 It does not req reduction in tim 	uire a viral DNA/RNA extraction and purification process from samples, resulting in a significant e and labor compared with conventional methods.
Results of joint Development t Agriculture, Fo Research Prom	research with the National Institute of Agricultural Sciences on the "Acceleration of ASF Vaccine hrough Public-Private Partnership and International Cooperation" included in the Ministry of prestry and Fisheries' commissioned research project, "Comprehensive Regulatory Science otion Project for the Stable Supply of Safe Agricultural, Livestock and Fishery Products"
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	Ste Nev	eady Progress in Optimizin v facilities in Japan and the	g e	y R&D and United St	Production Systems ates begin operations			
	New domestic manufacturing facilities for in vitro diagnosticsNew site of the U.S. subsidiary, Takara Bio USA							
1	Location Floor area	Head Office, Kusatsu, Shiga approx. 790 m		Location	San Jose, California (10 minutes by car from San Jose International Airport)			
	Mfg. capacity	8 million PCR reaction per month		Land area	approx. 30,000 m			
i	Scale of nvestment	Approx. ¥1 billion		Building area	approx. 12,000 m (6,000 m ×2 bldg.)			
•	They wei Economy,	re selected by the Ministry of Trade and Industry to receive the		Scale of investment	approx. ¥10 billion			
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Partnership with Otsuka Pharmaceutical Co., Ltd. Agreement for TBI-1401 and TBI-1501 ends, while partnership continues for TBI-1301					
Items for which ended					
 C-REV (TBI-1401) License agreement for development and commercialization of an Oncolytic Virus, HF10 (Concluded December 15, 2016) Based on the results of phase I clinical trials for pancreatic cancer, we have considered the time required for future development. 					
CD19•CAR (TBI-1501)	 License agreement for co-development and exclusive sales of CD19 CAR gene therapy product (Concluded April 9, 2018) We have considered an extension of the duration of phase I/II clinical trials for adult acute lymphoblastic leukemia and the approval of competing products. 				
Item for which joint					
 We are developing a reliability assurance system required for applying for manufacture/marketing approval. We are building a post-marketing manufacturing system in the Company. Once the preparations are completed, Otsuka Pharmaceutical Co., Ltd. will submit an application for manufacture/marketing approval in Japan. 					
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					[Reference]		
Consolidated Financial Results (2Q)							
	FY2022	Υo	n Y	Comparison with Aug. 3 forecast			
	2 nd -quarter	Change	Ratio	Change	Ratio		
Net sales	31,551	+14,158	+81.4%	+1,851	+6.2%		
Cost of sales	8,056	+2,490	+44.7%	▲693	▲7.9 %		
Gross profit	23,495	+11,667	+98.6%	+2,544	+12.1%		
SG&A expenses	9,389	+1,298	+16.1%	▲ 160	▲ 1.7%		
Operational profit	14,105	+10,368	+277.5%	+2,705	+23.7%		
Ordinary profit	14,241	+10,421	+272.8%	+2,841	+24.9%		
Net income attributable to owners of parent	10,009	+7,734	+340.1%	+2,109	+26.7%		
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		[Reference]					
Consolidated Financial Results (Full-year Forecast) (million yen)							
	FY2022	Y,	γ	Comparison with Aug. 3 forecast			
	Full-year	Change	Ratio	Change	Ratio		
Net sales	59,300	+13,213	+28.7%	+5,100	+9.4%		
Cost of sales	18,797	+4,582	+32.2%	+1,864	+11.0%		
Gross profit	40,502	+8,630	+27.1%	+3,235	+8.7%		
SG&A expenses	20,502	+2,583	+14.4%	+235	+1.2%		
Operating profit	20,000	+6,047	+43.3%	+3,000	+17.6%		
Ordinary profit	20,200	+6,040	+42.7%	+3,100	+18.1%		
Net income attributable to owners of parent	14,100	+4,552	+47.7%	+2,200	+18.5%		
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					[Reference]			
Net Sales by Category (2Q)								
	(million yen)							
	FY2022	Y,	/Υ	Compari Aug. 3 f	son with orecast			
	2 nd -Quarter	Change	Ratio	Change	Ratio			
Reagents	25,966	+12,629	+94.7%	+1,908	+ 7.9 %			
Instruments	712	+245	+52.6%	▲78	▲9.9%			
СДМО	4,732	+1,358	+40.3%	+5	+0.1%			
Gene therapy	140	▲75	▲35%	+16	+13.4%			
Total net sales	31,551	+14,158	+81.4%	+1,851	+6.2%			
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						[Reference]]			
	Net Sales by Category (Full-year Forecast)									
	(million yen)									
	FY2022 Y/Y Comparison with Aug. 3 forecast									
		Full-year	Change	Ratio	Change	Ratio				
	Reagents	46,375	+11,186	+31.8%	+5,781	+14.2%				
	Instruments	1,388	▲337	▲ 19.6%	▲ 153	▲9.9 %				
	CDMO	11,388	+2,486	+27.9%	+41	+0.4%				
	Gene therapy	146	▲ 121	▲45.4%	▲569	▲79.5 %				
	Total net sales	59,300	+13,213	+28.7%	+5,099	+9.4%				
3	32 (A) Takara									

				[Reference]]				
	Reagents Sales by Region (2Q)								
	FY2022 Y/Y (Exchange excluded)								
		2 nd -quarter	Chang	Ratio					
	Japan	10,452	+6,754	+182.7%					
	U.S.	5,202	+920	+21.4%					
	China	5,026	+1,864	+67.2%					
	Europe	4,041	+1,860	+100.4%					
	India	683	+456	+205.7%					
	Korea	559	+32	+6.6%					
	Total	25,966	+11,889	+89.1%					
33	33 ()) TaKaRa								

					[Reference]				
Reagents Sales by Region (Full-year Forecast)									
	(million yen)								
	FY2022	Y/ (Exchange	Y excluded)	Comparison with Aug. 3 forecast (Exchange excluded)					
	rull-year	Change	Ratio	Change	Ratio				
Japan	16,082	+4,824	+42.8%	+2,475	+18.2%				
U.S.	10,815	+1,512	+16.7%	+88	+0.9%				
China	9,840	+1,962	+27.6%	+940	+12.0%				
Europe	7,601	+1,023	+16.7%	+157	+2.3%				
Korea	1,082	+45	+4.6%	+6	+0.6%				
India	953	+263	+40.4%	▲37	▲4.0%				
Total	46,375	+9,631	+27.4%	+3,631	+8.9%				
34	34 (D) Takara								

[Reference								
Performance by Subsidiaries (2Q, Full-year Forecast) (million yen)								
	2nd-quarter Actual Full-year Forecast							
	Net sales	Net sales Operating profit Net sales O						
Takara Bio (Non-consolidated)	23,555	11,149	41,847	14,486				
Takara Bio Europe (Consolidated)	4,203	825	8,041	1,459				
Takara Biotechnology (Dalian)	2,537	785	4,539	1,214				
Takara Biomedical Technology (Beijing)	5,368	979	10,463	1,627				
Takara Korea Biomedical	604	100	1,180	186				
DSS Takara India	691	122	971	144				
Takara Bio USA	6,367	765	13,144	1,418				
35	35 () Takara							

				[Reference]
Exchange Rate (Actual, Forecast)				
	FY2021 2 nd -Quarter	FY2021 Full-year	FY2022 2 nd -Quarter	FY2022 Full-year
(Unit: yen)	Actual	Actual	Actual	Forecast
US dollar	108.25	106.77	107.82	109.10
Euro	119.34	121.88	129.88	129.60
Yuan	15.38	15.48	16.67	16.80
100 Won	8.97	9.06	9.64	9.60
Rupee	1.46	1.44	1.47	1.50
Sweden Krona	11.20	11.63	12.82	12.80
Pound	-	-	149.78	150.10
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Forward-looking Statements

Statements in this news release, other than those based on historical fact, concerning the current plans, prospects, strategies and expectations of the Company and its Group represent forecasts of future results. While such statements are based on the conclusions of management according to information available at the time of writing, they reflect many assumptions and opinions derived from information that includes major risks and uncertainties. Actual results may vary significantly from these forecasts due to various factors. Factors that could influence actual results include, but are not limited to, economic conditions, especially trends in consumer spending, as well as exchange rate fluctuations, changes in laws and government systems, pressure from competitors' prices and product strategies, decline in selling power of the Company's existing and new products, disruptions to production, violations of our intellectual property rights, rapid advances in technology and unfavorable verdicts in major litigation.

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