

# Japanese baseline series 2015 (JBS2015)

## JSA2008→JBS2015への変更点

- \* 名称を、Japanese standard allergens (JSA)から Japanese baseline series (JBS)に変更
- \* 24種中22種はReady to use製品であるパッチテストパネル(S)を使用
- \* JBS1994、2008では、Mercapto mixの構成試薬であった Mercaptobenzothiazoleを1つの試薬として貼付 \* Thiuram mix, PPD black rubber mix, Mercapto mix, Dithiocarbamate mix, Caine mix, Fragrance mixの構成試薬を一部変更
- \* Primin、Sesquiterpene lactone mixを削除。
- \* KathonCGの名称を、Isothiazolinone mixに変更(構成試薬は同じ)

	Test materials	Content/patch (vehicle)	Supplier
1	Nickel sulfate	0.16mg/81mm2(hydroxypropyl cellulose)	Sato
2	Lanolin alcohols (Wool wax alcohols)	0.81mg/81mm2(povidone)	Sato
3	Fradiomycin sulfate	0.49mg/81mm2(povidone)	Sato
4	Potassium dichromate	0.044mg/81mm2(povidone)	Sato
	Caine mix	0.51mg/81mm2(povidone)	Sato
5	Ethyl aminobezoate Dibucaine hydrochloride Tetracaine hydrochloride		Sato
	Fragrance mix	0.402mg/81mm2 (povidone and β-cyclodextrin)	
6	α-Amylcinnamaldehyde Isoeugenol Cinnamaldehyde Cinnamyl alcohol Eugenol Hydroxycitronellal Geraniol Oak moss		Sato
7	Rosin( Colophony)	0.97mg/81mm2(povidone)	Sato
	Paraben mix	0.80mg/81mm2(povidone)	
8	Benzyl <i>p</i> -hydroxybenzoate(benzylparaben) Butyl <i>p</i> -hydroxybenzoate(butylparaben) Ethyl <i>p</i> -hydroxybenzoate(ethylparaben) Methyl <i>p</i> -hydroxybenzoate(methylparaben) Propyl <i>p</i> -hydroxybenzoate(propylparaben)		Sato
9	Balsam of Peru	0.65mg/81mm2(povidone)	Sato
10	Gold sodium thiosulfate	0.061mg/81mm2(povidone)	Sato
11	Cobalt chloride	0.16mg/81mm2(hydroxypropyl cellulose)	Sato
12	<i>p</i> -tert-Buthylphenol formaldehyde resin	0.036mg/81mm2(hydroxypropyl cellulose)	Sato
13	Epoxy resin	0.041mg/81mm2(hydroxypropyl cellulose)	Sato
	Dithiocarbamate mix	0.204mg/81mm2(hydroxypropyl cellulose)	
14	Diphenylguanidine Zinc diethyldithiocarbamate Zinc dibutyldithiocarbamate		Sato
	PPD black rubber mix	0.060mg/81mm2(povidone)	
15	<i>N</i> -Isopropyl- <i>N'</i> -phenyl- <i>p</i> -phenylenediamine <i>N</i> -Cyclohexyl- <i>N'</i> -phenyl- <i>p</i> -phenylenediamine <i>N,N'</i> -Diphenyl- <i>p</i> -phenylenediamine		Sato
	Isothiazolinone mix	0.0032mg/81mm2(povidone)	
16	5-Chloro-2-methyl-4-isothiazolin-3-one 2-Methyl-4-isothiazolin-3-one		Sato
17	Mercaptobenzothiazol	0.061mg/81mm2(povidone)	Sato
18	<i>p</i> -Phenylenediamine	0.065mg/81mm2(povidone)	Sato
19	Formaldehyde( <i>N</i> -hydroxymethylsuccinimide)	0.150mg(0.645mg)/81mm2(povidone)	Sato
	Mercapto mix	0.060mg/81mm2(povidone)	
20	<i>N</i> -Cyclohexyl-2-benzothiazylsulfenamide Dibenzothiazyl disulfide Moroholinyl mercaptobenzothiazole		Sato
21	Thimerosal	0.0057mg/81mm2(povidone)	Sato
	Thiuram mix	0.0022mg/81mm2(povidone)	
22	Tetramethylthiuram disulfide Disulfiram Tetramethylthiuram monosulfide Dipentamethylenethiuram disulfide		Sato
23	Urushiol	0.002% pet.	Torii
24	Mercury(II) chloride	0.05% aq.	Torii
Control			
25	Petrolatum	as is	
26	Distilled Water	as is	

# Japanese baseline series 2015 調査データ (アレルゲン別\_陽性率)

Year		2015	2016	2017	2018	2019	2020	2021	2022	2023
Number of total cases		1217	1517	1598	1533	1709	1476	1159	1257	1365
Metal	Cobalt chloride	8.4%	8.0%	9.3%	7.9%	7.1%	6.5%	9.1%	8.4%	7.7%
	Nickel sulfate	23.5%	25.3%	24.9%	24.0%	24.4%	24.0%	26.6%	23.7%	25.2%
	Potassium dichromate	3.0%	2.2%	2.6%	2.4%	2.9%	2.3%	1.9%	2.1%	2.1%
	Mercury( II ) chloride	7.1%	5.8%	4.6%	3.9%	3.7%	3.0%	2.3%	3.1%	3.5%
	Gold sodium thiosulfate	25.7%	23.7%	26.9%	26.1%	25.2%	24.2%	29.3%	25.1%	26.7%
Rubber additives	Thiuram mix	4.8%	3.8%	2.9%	3.3%	3.3%	3.6%	3.1%	3.4%	3.3%
	PPD black rubber mix	1.1%	1.4%	1.4%	1.5%	1.1%	1.7%	1.2%	1.7%	1.9%
	Mercapto mix	1.4%	1.6%	0.7%	0.8%	0.6%	1.0%	0.7%	0.9%	0.8%
	Mercaptobenzothiazole	0.6%	1.2%	0.5%	0.8%	0.7%	1.0%	0.8%	0.4%	0.8%
	Dithiocarbamate mix	5.8%	6.3%	6.6%	5.1%	5.1%	4.3%	5.6%	5.5%	4.7%
Topical drugs	Caine mix	1.6%	1.9%	2.5%	1.8%	1.9%	1.4%	1.8%	1.4%	1.1%
	Fradimycin sulfate	4.4%	3.8%	4.4%	3.3%	3.1%	3.9%	3.4%	3.1%	3.8%
Cosmetics	Balsam of Peru	1.8%	2.0%	1.7%	1.9%	1.7%	1.7%	1.5%	1.1%	2.0%
	Fragrance mix	6.0%	5.4%	5.1%	5.4%	4.8%	4.3%	4.1%	4.4%	4.8%
	<i>p</i> -Phenylene diamine	9.2%	8.6%	9.2%	8.6%	8.0%	7.1%	8.3%	7.0%	7.0%
	Lanolin alcohol	3.1%	1.9%	2.0%	2.0%	2.0%	1.6%	1.6%	1.0%	1.2%
Synthetic resin	Rosin	2.5%	1.9%	1.5%	1.5%	1.8%	2.1%	1.4%	2.1%	2.3%
	<i>p</i> - <i>tert</i> -Butylphenol formaldehyde resin	3.8%	3.1%	2.7%	3.3%	2.5%	2.0%	3.1%	4.0%	2.1%
	Epoxy resin	1.9%	1.8%	1.6%	1.5%	1.7%	1.4%	1.9%	1.7%	1.8%
Preservatives	Thimerosal	3.3%	2.9%	2.8%	2.9%	2.0%	2.2%	2.0%	1.5%	1.8%
	Paraben mix	1.3%	1.0%	1.2%	1.0%	0.9%	0.8%	1.1%	1.0%	1.2%
	Formaldehyde	0.7%	0.6%	1.0%	1.2%	0.6%	0.6%	0.4%	1.5%	1.0%
	Isothiazolin mix	4.7%	4.3%	3.9%	3.5%	3.3%	2.6%	3.3%	2.4%	3.4%
Plants	Urushiol	11.5%	9.7%	8.6%	7.5%	6.7%	7.2%	7.0%	6.3%	6.2%